

SURVEY

Charles Tilly's Historical Sociology*

MARCEL VAN DER LINDEN

Internationaal Instituut voor Sociale Geschiedenis, Amsterdam

E-mail: mvl@iisg.nl

I would only say that the more sociological history becomes, and the more historical sociology becomes, the better for both.

Edward Hallett Carr

Charles Tilly (1929–2008) was one of the greatest sociologists of the second half of the twentieth century. His incredible energy and creativity were a powerful force in reviving the historical-comparative perspective in social sciences and produced many new insights. Tilly has covered a very broad range of subjects, from contentious behaviour, urbanization, proletarianization, and state formation, to migration, democratization, and persistent social inequality. His oeuvre is so vast – he wrote or edited dozens of books and published hundreds of scholarly articles and countless book reviews – that it has become a challenge to synthesize. In the following article I will try to offer a comprehensive critique, in the hope that this will further interest in and debate about the subject. First, I sketch Tilly's intellectual development since the late 1950s. Next, I discuss a few recurring themes from his work that are of special interest to historians of the working classes. I conclude with a critical review of Tilly's achievements.

TILLY'S INTELLECTUAL DEVELOPMENT, 1958–2008

Tilly's academic career started with a remarkable *volte face*. In 1958 he obtained his Ph.D. degree at Harvard University for his thesis on "The Social Background of the Rebellion of 1793 in Southern Anjou". His supervisors were the sociologists George C. Homans and Barrington Moore, Jr, who, like Tilly's previous mentor and "great teacher" Pitirim

* I am grateful to Rod Aya, Wim Blockmans, Marjolein 't Hart, Mike Hanagan, Jan Lucassen, Maarten Prak, Sid Tarrow, and Viviana Zelizer for critiquing previous versions of this essay.

Sorokin,¹ both advocated a historicizing perspective.² While editing his Ph.D. thesis for publication, Tilly had increasing misgivings about the simple, unilinear development idea from his previous project. He later wrote:

In that imperfect doctoral dissertation, I had leaned heavily on conventional ideas about modernization. The great counterrevolution of 1793 seemed to show the typical reaction of a backward, unchanging, agrarian society to the unexpected intrusion of modern political ways. As I said so, however, I began to doubt both the generalization and its application to the Vendée. It is not well established that “backward” regions react to political change in reactionary ways.³

The published edition of his Ph.D. thesis did not appear until six years later and refuted his earlier theses. In this work, Tilly tried to provide a contextualized explanation for the course of events. Entitled *The Vendée*, the book marks the actual start of Tilly’s oeuvre as we know it, systematically comparing two adjacent parts of France, of which one (the Val-Saumurois) supported the French Revolution and the other (the Mauges) the counter-revolution. In an effort to explain the differences, he seeks a process (urbanization, in this case) that is sufficiently general to encompass broader patterns and does justice to the specificity of individual cases.

After completing his Ph.D. thesis, Tilly initially pursued two paths. First, he evolved into a contemporary urbanist. While employed at MIT and at Harvard’s Joint Center for Urban Studies he published on racial segregation, housing projects, and related subjects.⁴ The peak and crowning glory of this research activity was the anthology, *An Urban*

1. Charles Tilly, *Contentious Performances* (Cambridge, 2008), p. 19.

2. See also Charles Tilly, “Homans, Humans, and History”, in *idem*, *As Sociology Meets History* (New York, 1981), pp. 85–94; *idem*, “George Caspar Homans and the Rest of Us”, *Theory and Society*, 19 (1990), pp. 261–268; *idem*, “In Memoriam Barrington Moore, Jr”, *Canadian Journal of Sociology Online*, January–February 2006. At the time, Homans and Moore were among the few sociologists to adopt a historicizing approach. On the loss of historical perspective in US sociology during those years, see David Zaret, “From Weber to Parsons and Schutz: The Eclipse of History in Modern Social Theory”, *American Journal of Sociology*, 85 (1980), pp. 1180–1201.

3. Charles Tilly, “Preface to the Wiley Paperback Edition of *The Vendée*”, in *idem*, *The Vendée: A Sociological Analysis of the Counterrevolution of 1793* (New York, 1967), pp. vii–xii, at vii.

4. Bruce M. Stave, “A Conversation with Charles Tilly: Urban History and Urban Sociology”, *Journal of Urban History*, 24 (1998), pp. 184–225, 197. See especially the following publications: Charles Tilly and Arnold S. Feldman, “The Interaction of Social and Physical Space”, *American Sociological Review*, 25 (1960), pp. 877–884; Charles Tilly, “Occupational Rank and Grade of Residence in a Metropolis”, *American Journal of Sociology*, 67 (1961), pp. 323–330; *idem*, Wagner Johnson, and Barry Kay, *Race and Residence in Wilmington* (New York, 1965); Charles Tilly, “Anthropology on the Town”, *Habitat*, 10 (1967), pp. 20–25; *idem*, “Race and Migration to the American City”, in James Q. Wilson (ed.), *The Metropolitan Enigma* (Cambridge, MA, 1968); *idem*, “The Forms of Urbanization”, in Talcott Parsons (ed.), *American Sociology* (New York, 1969); *idem*, “Migration to American Cities”, in Daniel P. Moynihan (ed.), *Toward a National Urban Policy* (New York, 1970); *idem* with Joe Feagin and Constance Williams, *Subsidizing the Poor: A Boston Housing Experiment* (Lexington, MA, 1972); Charles Tilly (ed.), *An Urban World* (Boston, MA, 1974).

World (1974), which certainly was not wanting in historical perspective. From the mid-1970s, Tilly abandoned this intellectual course.

His historical studies were far more characteristic of his intellectual development. He remained very interested in French social history after completing his Ph.D. thesis and spent many years studying the course of social change and contentious behaviour in that country in the nineteenth and twentieth centuries, dealing extensively with quantitative aspects. From around 1963, he worked with Edward Shorter and a few assistants (Lynn Lees, David Hunt) to construct a database, which served as the foundation for his widely publicized monograph *Strikes in France, 1830–1968* (1974). Deeply influenced by the events of May–June 1968, this book revolved around a version of the modernization theory. The authors base their approach, for example, on Alain Touraine's forms of organization of production (artisanal, mass production, science-sector production). Unlike Touraine, however, they associated these with "historical periods" that coincide with "phases of technological change" and "phases of collective action".⁵

Tilly remained interested in working on a team that gathered large quantities of information to study contention.⁶ In the 1970s and 1980s three new databases were constructed under his aegis: (1) for France as whole, highlighting Anjou, Burgundy, Flanders, the Île de France, and Languedoc, since 1600; (2) for London and its surroundings from 1758 to 1820; and (3) for Great Britain (England, Wales, Scotland) as a whole from 1828 to 1834.⁷ The French material ultimately gave rise to the publication *The Contentious French* in 1986. The British project was completed only

5. Edward Shorter and Charles Tilly, *Strikes in France, 1830–1968* (Cambridge, 1974), pp. 11, 15, 345. Mike Hanagan has accurately observed that Shorter and Tilly's analysis relates closely to classical Marxism (Mike Hanagan, personal communication). In my view, however, classical Marxism in turn embodied a version of the modernization theory. After all, all modernization theories have two views in common: that an optimal course of development exists (with deviating from such a course automatically leading to failure and stagnation), and that this course of development may be described as a gradual transition from simple ("traditional") to complex ("modern") societies.

6. On the challenges and dangers inherent in this type of research, see Charles Tilly, "Computing History", in *idem, As Sociology Meets History* (New York, 1981), pp. 53–83. French historian Richard Cobb once wrote a hilarious pastiche of Tilly's computer activities: "Historians in White Coats", *Times Literary Supplement*, 3 December 1971, pp. 1527–1528. (See also Tilly, "Computing History", pp. 60–61.)

7. Charles Tilly, "GBS + GCL = ?", *Connections*, 10 (1987), pp. 94–105, 96. On the British databases, see also R.A. Schweitzer, "A Study of Contentious Gatherings in Early Nineteenth-Century Great Britain", *Historical Methods*, 12 (1979), pp. 1–4; R.A. Schweitzer and Steven C. Simmons, "Interactive, Direct-Entry Approaches to Contentious Gathering Event Files", *Social Science History*, 5 (1981), pp. 317–342; Charles Tilly and R.A. Schweitzer, "How London and its Conflicts Changed Shape, 1758–1834," *Historical Methods*, 5 (1981), pp. 67–77; Charles Tilly, "How (And, to Some Extent, Why) to Study British Contention", in *idem, As Sociology Meets History* (New York, 1981); *idem*, "Britain Creates the Social Movement", in James Cronin and Jonathan Schneer (eds), *Social Conflict and the Political Order in Modern Britain* (London, 1982); Tilly, *Contentious Performances*, pp. 35–41.

in 1995, culminating in the publication of *Popular Contention in Great Britain, 1758–1834*.⁸

Still, Tilly never became a pure cliometrician. He remained interested in the qualitative aspects of historiography – albeit from a social-science perspective.⁹ This approach dominated his work from the mid-1980s onward. Tilly's vast knowledge of French – and later also of British – social history paved the way toward his more in-depth analyses. For a long time he was interested primarily – but never exclusively – in Europe. The first clear sign of this interest was the anthology *The Formation of National States in Western Europe* (1975); followed by *Coercion, Capital, and European States, AD 990–1990* (1990), *European Revolutions, 1492–1992* (1993), and *Contention and Democracy in Europe, 1650–2000* (2004).

From the 1990s, Tilly progressively abandoned his geographic approach and started to address “general” topics not associated with a specific country or region. He also deviated somewhat from his usual empirical style,¹⁰ while seeming to shift his focus to the present and the very recent past at the same time. Together with his son, the economist Chris Tilly, he wrote *Work Under Capitalism* (1998). With Doug McAdam and Sidney Tarrow he published *Dynamics of Contention* (2001); with Tarrow – but without McAdam – *Contentious Politics* (2007); and as single author *Contentious Performances* (2008). He also took on general sociological issues, such as in *Why?* (2006) and in *Credit and Blame* (2008). The main emphasis of his research, however, was the question of which circumstances were conducive to stable parliamentary democracies. Tilly believed that three very different factors promoted democracy, namely broader access to political participation; improved access to political resources, and opportunities for different social groups; as well as curtailment of autonomous or arbitrary coercive power within the state and outside. At first he studied these factors separately – in *Durable Inequality* (1998), *The Politics of Collective Violence* (2003), *Trust and Rule* (2005), and *Regimes and Repertoires* (2006) – and subsequently combined them in *Democracy* (2007), which was intended as a synthesis.

8. Charles Tilly, *The Contentious French* (Cambridge, MA, 1986); *idem*, *Popular Contention in Great Britain, 1758–1834* (Cambridge, MA, 1995).

9. Already apparent in Charles Tilly, “In Defense of Jargon”, *Canadian Historical Association Record*, 1966, pp. 178–186, 186: “‘Measures’ do not necessarily mean numbers. [...] To be sure, quantifying often helps by identifying silly assumptions, pointing up unsuspected relationships and establishing whether purported differences are big enough to make a difference. But ‘statistical history’ and ‘computerized history’ do not necessarily stand closest to sociology.”

10. This method was described as follows by his mentor George C. Homans: “He [Tilly] works systematically with certain kinds of primary sources and exploits them with modern statistical techniques. He can do this work only with the help of a team of well-integrated and well-trained colleagues”; Homans, “Fifty Years of Sociology”, *Annual Review of Sociology*, 12 (1986), pp. xiii–xxx, xxvii.

The wealth of books and articles that Tilly published since the late 1950s turns out to comprise a few “maelstroms” that were pivotal in all his work. He kept revisiting these central themes, trying out an idea, reformulating that idea, and so on and so forth, until a text emerged that was more or less “finished”. Once such a text was ready, Tilly generally left the topic concerned as it was – although in some cases he might reconsider it from a different perspective. This has led to a spiral-shaped course that causes many partial overlaps between publications, making some of his oeuvre seem somewhat repetitive.

Because a complete reconstruction of Tilly's intellectual development would span far too many pages, I will merely review the “final products” in various fields here, although I will indicate briefly the predecessors to this final product in cases where a major learning process took place. I will address only Tilly's historicizing writings.

THEORY AND METHODOLOGY

Tilly was an exemplary scholar, who nearly always accounted for his theoretical and empirical steps. His work reflects a few methodological constants. First, he approached history from the perspective of a social scientist, which meant, in Tilly's own words, that: “the historian as social scientist aims self-consciously at methodological rigor. He defines his terms, states his hypothesis, clarifies his assumptions (in so far as he himself is aware of them), and stipulates the criteria of proof”.¹¹ Second, it followed from this approach that Tilly never hesitated to correct himself publicly, if he found that definitions, typologies, or hypotheses needed to be revised. On this subject, he wrote in one of his most recent books: “Repeatedly I have thought I had identified an important principle, proved a crucial point, or found a superior way of communicating an argument only to discover that the principle suffered exceptions, the proof failed to convince, or the new rhetoric caused misunderstandings I had not anticipated.”¹² Third, Tilly made extensive use of the comparative method, which is “the systematic, standardized analysis of similar social processes or phenomena (for example, slavery) in different settings in order to develop and test general ideas of how those processes or phenomena work”.¹³

11. David S. Landes and Charles Tilly (eds), *History as Social Science* (Englewood Cliffs, NJ, 1971), p. 10.

12. Charles Tilly, *The Politics of Collective Violence* (Cambridge, 2003), p. xi.

13. Landes and Tilly, *History as Social Science*, p. 73. Elaborate reflections on this subject appear in Tilly's *Big Structures, Large Processes, Huge Comparisons* (New York, 1985); *idem*, “Means and Ends of Comparison in Macrosociology,” *Comparative Social Research*, 16 (1997), pp. 43–53.

In the past this social-scientific approach baffled historians. A writer for the *Times Literary Supplement* once observed about Tilly's first book, *The Vendée*:

Dr. Tilly, armed with a battery of compasses, field glasses, range-finders, altimeters, so loaded down with apparatus that his prose limps heavily from one demonstration to the next, eventually ends up more or less where other, less prudent, more haphazard travellers have preceded him, after crashing impetuously through the bush, or simply following their eyes and noses. With Dr. Tilly, we go the long way round; the author will not even let us start off at all before he has offered us long disquisitions on "urbanization" in Kansas City, and minute definitions of such difficult words as "city," "neighborhood," "commune," "affiliation," "parish."¹⁴

The substance of Tilly's work has consistently been historical-materialist, not in the sense of orthodox Marxism (much of his writing in fact reads like a critique of Marxism), but along the lines of an approach that targets the logic of material interests. Understandably, therefore, since his earliest publications, Tilly adopted a constructive-critical stand reflecting Marx's ideology. In retrospect, he regarded himself as part of the 1950s "Marxist-populist drive" that aimed to promote history from below.¹⁵ In 1978 he described his view as "doggedly anti-Durkheimian, resolutely pro-Marxian, but sometimes indulgent to Weber and sometimes reliant on Mill".¹⁶ In 1983 he argued that "if you want to observe the coalescence of historical perception with theoretical penetration, you can do no better than the work of Karl Marx".¹⁷ Even around the turn of the century, he still believed that Marxism could be innovated by discarding the reductionism of the 1960s and by pursuing the course charted by E.P. Thompson.¹⁸ The main difference between Tilly's approach and the traditional Marxist one is that Tilly places far greater emphasis on state formation, thereby attributing much more importance to political processes that do not derive directly from class conflicts. In this respect he adheres more to the tradition of Toqueville.¹⁹

14. Richard Cobb, "The Counter-Revolt", *Times Literary Supplement*, 28 April 1966. Reprinted in *idem*, *A Second Identity: Essays on France and French History* (London, 1969), pp. 111–121 (quotation at pp. 118–119).

15. Charles Tilly, *Stories, Identities, and Political Change* (Lanham, MD, 2002), p. 5.

16. *Idem*, *From Mobilization to Revolution* (Reading, MA, 1978), p. 48.

17. *Idem*, "Karl Marx, Historian", *Michigan Quarterly Review*, 22 (1983), pp. 633–642, 642.

18. Stave, "Conversation with Charles Tilly", p. 204.

19. William H. Sewell, Jr, "Collective Violence and Collective Loyalties in France: Why the French Revolution Made a Difference", *Politics and Society*, 18 (1990), pp. 527–552, 530. Compare Tilly's critique of the Marxist geographer, David Harvey, who "minimizes the autonomous influence of states on urban processes and moves very quickly from the existence of a capitalist interest to its realization in a particular feature of cities, without wasting much effort on the process by which the interests generate their own realization"; Charles Tilly,

For a long time Tilly was a “hardcore” materialist who assumed a “structural realism” and focused on “objective” (i.e. economic, military, quantitative) aspects of social history. Only in the course of the 1980s did he become more aware of the subjective angle of social processes and did he start to transform his structural realism into a “relational realism” integrating structural and cultural elements. In an interview in 1998 he explained: “One of my major intellectual projects of the last decade or so has been to build a more adequate account of identity, agency, and culture.”²⁰

While thinking about these issues, he elaborated an approach that was vaguely discernible in his earlier work. On the one hand, Tilly objected early on to the structural functionalism of Talcott Parsons and others, which had been the dominant movement in American sociology until well into the 1960s. Tilly saw no merit in this approach or in similar “Durkheimian theories”, because they “build on a conception of a vague social unit called a society”, and consequently not only hide “the effective human actors” but depersonalize the historical process as well.²¹ After the rational-choice model had gained influence in the 1980s, Tilly resisted that as well, arguing that human behaviour always includes an “erratic” aspect and is therefore impossible to interpret according to a methodological-individualist approach.²²

Tilly refused to use society or individuals as such as a unit of analysis. Instead, in keeping with the network theoretician Harrison White, he opted for the *social relations* between social sites – individuals, as well as households, neighbourhoods, and organizations. In a relational analysis, social inequality, for example, is examined not as the difference between two otherwise unrelated social positions but as a feature of the relationship between these positions. Accordingly, a boundary between the social

“What’s Left of the City?”, *Journal of Urban History*, 14 (1988), pp. 394–398, 395. Fred Block’s state theory seems to relate perfectly to Tilly’s approach. See e.g. Fred Block, “Beyond Relative Autonomy: State Managers as Historical Subjects”, *The Socialist Register*, 17 (1980), pp. 227–242. Arthur Stinchcombe noted the similarities – see his “Autonomy Makes the State More Predictable”, *Contemporary Sociology*, 20 (1991), pp. 178–179 – although, to my knowledge, Tilly never mentioned this himself.

20. Stave, “Conversation with Charles Tilly”, p. 203. This project first became visible in the second half of the 1970s, when Tilly introduced the “repertoire of contention” concept, on which I will elaborate later in this article.

21. Charles Tilly, “Proletarianization: Theory and Research”, in *idem*, *As Sociology Meets History*, pp. 187–188.

22. Charles Tilly, *Durable Inequality* (Berkeley, CA, 1998), p. 20; *idem*, “Models and Realities of Popular Collective Action”, *Social Research*, 52 (1985), pp. 717–747; *idem*, “Invisible Elbow”, *Sociological Forum*, 11 (1996), pp. 589–601; *idem*, “Lullaby, Chorale, or Hurdy-Gurdy Tune?”, in Roger Gould (ed.), *The Rational-Choice Controversy in Historical Sociology* (Chicago, IL, 2001).

sites needs to be defined for every social interaction. Who are “we”, and who are “they”? Such boundary construction is an ongoing process from which shifting identities keep emerging.²³

For a long time Tilly was a proponent of modernization theory, albeit frequently with reservations. In 1972, for example, he wrote that the modernization concept was “too big and slippery for deft manipulation”,²⁴ while arguing at the same time that the designation comprised multiple, partially contradictory processes. The modernization idea led to a unilinear image of history, in which stages succeeded one another, basically out of “necessity”. In 1990 Tilly criticized his *The Formation of National States in Western Europe* from 1975 as

[...] a new unilinear story [...] running from war to extraction and repression to state formation [...]. We continued, more or less unthinkingly, to assume that European states followed one main path, the one marked by Britain, France, and Brandenburg-Prussia, and that the experiences of other states constituted attenuated or failed versions of the same processes. That was wrong.²⁵

The transition from a modernization approach to a non-unilinear approach ultimately led to a focus on *mechanisms*, which in combination produce various outcomes. Very early on, Tilly objected to what he described as “Unnatural History”:

[...] a case in point is a recurrent article in the *American Journal of Sociology*, published with insignificant variations in title, authorship and vocabulary, which asserts by means of a handful of examples that there is a single underlying Process of Revolution. At first it looks like natural history, in the sense that it portrays the standard setting and life cycle of a distinct species of event. Closer inspection usually shows that the unnatural historian has begged the question by assuming that his identification of common sequences within the events singled out *ipso facto* confirms that they belong to the same species ... as if declaring that a man’s life has a beginning, a middle and an end, then that a paper before a learned society has a beginning, a middle and (thank goodness) an end established that men’s lives and papers before learned societies came from the same species.²⁶

23. Charles Tilly, *Stories, Identities, and Political Change*; *idem*, “Social Boundary Mechanisms”, *Philosophy of the Social Sciences*, 34 (2004), pp. 211–236.

24. Charles Tilly, “The Modernization of Political Conflict in France”, in Edward B. Harvey (ed.), *Perspectives on Modernization: Essays in Memory of Ian Weinberg* (Toronto, 1972), pp. 51–95, 51.

25. Charles Tilly, *Coercion, Capital, and European States, AD 990–1990* (Oxford, 1990), p. 12.

26. Tilly, “In Defense of Jargon”, pp. 182–183. This idea was later explained in James Rule and Charles Tilly, “1830 and the Unnatural History of Revolution”, *Journal of Social Issues*, 28 (1972), pp. 49–76. Tilly consistently supported this view. See e.g. his “To Explain Political Processes”, *American Journal of Sociology*, 100 (1995), pp. 1594–1610, 1597; *idem*, *Explaining Social Processes* (Boulder, CO, 2008), ch. 7.

Over time, Tilly countered such a covering-law approach increasingly with a “mechanismic” approach, such as the one theoretically devised since the late 1980s by Jon Elster, Arthur Stinchcombe, and others.²⁷ His objective was to break complex historical sequences down into events or episodes, such as social movements, revolutions, or democratic transitions, and subsequently to investigate which “robust mechanisms of relatively general scope” figured in the course of these episodes. This meant that history no longer needed to be perceived as the outcome of “general historical patterns” but could be interpreted as a chain of contingent mechanisms.²⁸

STATE-BUILDING AND CAPITALIST DEVELOPMENT

Virtually from the outset, Tilly dealt with general trends in European history since the Middle Ages. Although he refined his analysis considerably over time, he consistently assumed that two master processes had a decisive influence, whether directly or indirectly: capital accumulation and state-building. Neither process was linear. Both included crises, reversals, and digressions. Neither one carried more historical weight than the other; they were autonomous developments that continuously exerted a reciprocal influence. Wars were endemic in the European system of states;²⁹ rulers relied increasingly on capitalists to finance the organization of violence, while capitalists needed states as guarantors of private property.

Into the eighteenth century, European states were either very small units, such as port cities with their hinterlands, or they were composed of highly autonomous segments. As a result, into the eighteenth or nineteenth centuries, rulers depended on compliance from regional power

27. Jon Elster, *Nuts and Bolts for the Social Sciences* (Cambridge, 1989); Arthur Stinchcombe, “The Conditions of Fruitfulness of Theorizing about Mechanisms in Social Science”, *Philosophy of the Social Sciences*, 21 (1991), pp. 367–388; Mario Bunge, “Mechanism and Explanation”, *Philosophy of the Social Sciences*, 27 (1997), pp. 410–465; Peter Hedström and Richard Swedberg (eds), *Social Mechanisms: An Analytical Approach to Social Theory* (Cambridge, 1998). See also the reflections in John Gerring, “The Mechanismic Worldview: Thinking Inside the Box”, *British Journal of Political Science*, 38 (2007), pp. 161–179.

28. Charles Tilly, “Mechanisms in Political Processes”, *Annual Review of Political Science*, 4 (2001), pp. 21–41.

29. Tilly believed that a war-provoking logic was inherent in state-making in Europe: “everyone who controlled substantial coercive means tried to maintain a secure area within which he could enjoy the returns from coercion, plus a fortified buffer zone, possible run at a loss, to protect the secure area. Police or their equivalent deployed force in the secure area, while armies patrolled the buffer zone and ventured outside it”; Tilly, *Coercion, Capital, and European States*, pp. 70–71. This included an expansionist trend, which, whenever adjacent states followed the same logic, inevitably led to war, and which, to my knowledge, Tilly never made a serious effort to explain.

holders to collect taxes, recruit troops, and the like, and populations of states were extremely heterogeneous in a linguistic, cultural, and legal sense.³⁰ Tilly described this type of state structure as *indirect rule*:

Indirect rule included a wide range of social arrangements: the tribute-taking relation of the sultan's court to local headmen in the Ottoman Empire, the holding of judicial, economic, and military power by great landlords in Poland, reliance on a faithful clergy in Sweden, concession of an enormous role in parish and county administration to English gentry and clergy justices of the peace, and survival of the Dutch Republic as a federation of fiercely competitive municipalities and their dependencies.³¹

These states expanded gradually in size, while dwindling in number. In around 1500 Europe had about 500 autonomous political entities, averaging about 3,800 square miles (6,115 km²) in size, with an average population of 124,000. Four centuries later, 30 states remained, averaging 63,000 square miles (101,389 km²) in size, with an average population of 7.7 million.³² Although dynastic politics and the formation of federations were in part responsible for this concentration, wars were, in Tilly's view, the driving force behind the state-building process for a long time, as these "provided the chief occasions on which states expanded, consolidated, and created new forms of political organization".³³ The coercive core of the emerging states enabled them to deactivate all competing organizations.³⁴ The extent to which war-making influenced the state structure depended on the interaction between the type of war concerned, the nature of the economic relationships, and the fiscal strategy. To achieve larger concentrations of capital and coercive means, various paths could be taken. A somewhat simplified version of these paths would be: (a) the coercion-rich and capital-poor path of e.g. Poland and Russia; (b) the coercion-poor and capital-rich path of e.g. the Netherlands; and

30. Charles Tilly, "Democracy is a Lake", in George Reid Andrews and Herrick Chapman (eds), *The Social Construction of Democracy, 1870–1990* (New York [etc.], 1995).

31. Charles Tilly, "State and Counterrevolution in France", *Social Research*, 56 (1989), pp. 71–97, 74.

32. Charles Tilly, "The Geography of European Statemaking and Capitalism Since 1500", in Eugene D. Genovese and Leonard Hochberg (eds), *Geographic Perspectives in History* (Oxford [etc.], 1989), pp. 172–173.

33. Tilly, *Coercion, Capital, and European States*, p. 70; *idem*, "Cities and States in Europe", *Theory and Society*, 18 (1989), pp. 563–584, 568.

34. There are four types of state-controlled violence: (1) war-making; (2) state-making, i.e. deactivating or neutralizing domestic rivals; (3) protection, i.e. deactivating or neutralizing of the enemies of clients; and (4) extraction, i.e. obtaining the means for the first three activities to be performed; Charles Tilly, "War Making and State Making as Organized Crime", in Peter Evans, Dietrich Rueschmeyer, and Theda Skocpol (eds), *Bringing the State Back In* (Cambridge, 1985); Tilly, "Geography of European Statemaking", pp. 166–167.

(c) a “middle path” where coercion and capital were about equally significant, such as in France and Britain.³⁵

In the period 1750–1850 the internal structure of the European states changed drastically. Segmentation made way for consolidation. Rulers gained direct control of large, heterogeneous areas. They built reinforcements along the borders and disarmed individual citizens and rival power-holders, in part by dismantling castles, disbanding private armies, controlling arms production, prohibiting duels, and confiscating weapons. Parallel to this effort, they set up a proactive police force dedicated to preventing unlawful acts, including unlawful collective action, in part through patrolling and surveillance, rather than punishing criminals ostentatiously and publicly after the fact. In addition, rulers imposed uniform military, legislative, judicial, fiscal, monetary, and cultural systems on their populations. No longer did they stay in touch with their subjects via authoritarian, privileged intermediaries. Instead, they intervened directly in their daily lives.³⁶ The result was a shift from indirect to *direct rule*. Around 1850,

States had substituted their own officials for the patrons of old, tax farming and similar practices had almost vanished, elected legislatures connected the more substantial citizens to the national government, and census-takers brought royal inquiries to individual households, as national bureaucracies attempted to monitor and regulate whole countries and all their residents.³⁷

Once again, war-making was the main cause of the changes. As the size and power of states grew, wars became increasingly costly and destructive. The armies of mercenaries that had dominated European warfare from the fifteenth until the seventeenth centuries became too expensive and were replaced by domestically recruited standing armies of conscripts and volunteers, while the burden of taxation was raised simultaneously. This trend and the resulting resistance led complementary organizations to be set up (treasuries, tax offices, conscription mechanisms) and to perform interventions directly palpable in the local communities. To be accepted by the population, states had to make concessions and grant ordinary people rewards and rights to which they had not been entitled in the past.

The consolidation of states thus coincided with a dual process of circumscription and central control. *Circumscription* means that states greatly tightened their control over the resources on their territory: movements of capital, goods, people, and ideas started to be regulated. *Central control* means that states devised a system of instruments for central information processing and surveillance (censuses, bureaus of statistics, inspectorates,

35. Tilly, *Coercion, Capital, and European States*.

36. Charles Tilly, “The Time of States”, *Social Research*, 61 (1994), pp. 269–295, 279; *idem*, “Futures of European States”, *Social Research*, 59 (1992), pp. 705–717, 708.

37. Tilly, “State and Counterrevolution in France”, p. 75.

police forces) and started to interfere in infrastructure, working conditions, education, agriculture methods, and many other matters. Circumscription and central control had a clear cultural connotation, in that they were conducive to a measure of cultural homogenization within the state borders. Whereas in non-consolidated segmented states, such as the Hapsburg Empire, all different religions and languages were acknowledged by the state forces, consolidating states promoted the establishment of an official national language and a standardized interpretation of the national past via schools, monuments, museums, and other media. The emerging nationalism appeared in two manifestations. Wherever the state construed a specific ethnic group as “state-supporting,” the resulting *state-led* nationalism aimed to have all residents of the state adopt specific cultural forms. And wherever this new nationalism denied or suppressed the identity of some groups, *state-seeking* nationalism might materialize, embodying the desire of some set of people to acquire their own state, where they celebrate their own distinctive, national culture. State-led nationalism thus stimulates state-seeking nationalism. Consolidation of states coincided with the creation of new, collective identities and redefinition, legitimation, or in fact de-legitimation, of old, collective identities – a process that did not actually give rise to fully homogeneous states anywhere.³⁸

Tilly devoted considerably less attention to the capital-formation process than to the state-building one. He was deeply influenced by the proto-industrialization studies of the 1970s by Franklin Mendel and others.³⁹ Tilly argued that the European economy had also evolved in two stages. During the first stage, from 1500 to 1800, accumulation had occurred decentrally. Merchant capital was mobile and more likely to shift to locations where labour was available than vice versa. Economic growth was achieved via the multiplication of small, widely dispersed production units connected with one another by merchants via a putting-out system. The result was “a finely articulated hierarchy of markets from local to international, with local markets that corresponded to the geography of labor”.⁴⁰

38. Tilly, *Coercion, Capital, and European States*, p. 70; *idem*, “State and Counterrevolution in France”, p. 76; *idem*, “Futures of European States”, pp. 708–711; *idem*, “Time of States”, p. 287; *idem*, *Durable Inequality*, pp. 170–181. A political identity comprises four elements, according to Tilly: (1) boundaries that separate insiders from outsiders; (2) social relations across the boundaries; (3) social relations within the boundaries; and (4) shared stories that justify the boundaries. See Tilly, *Politics of Collective Violence*, p. 32. And on the nationalism issue: Charles Tilly, “National Self-Determination as a Problem for All of Us”, *Daedalus*, 122 (1993), pp. 29–36; *idem*, “The State of Nationalism”, *Critical Review*, 10 (1996), pp. 299–306.

39. See especially Franklin Mendels, “Proto-Industrialization: The First Phase of Industrialization”, *Journal of Economic History*, 32 (1972), pp. 241–261.

40. Tilly, “Geography of European Statemaking”, p. 170; *idem*, “Flows of Capital and Forms of Industry in Europe, 1500–1900”, *Theory and Society*, 12 (1983), pp. 123–142, 125, 132.

In the nineteenth and twentieth centuries accumulation patterns changed. Capital concentration grew and affected labour processes far more directly, as labour flocked increasingly to the locations of such capital. As a consequence, industrial production and services came to be concentrated in cities, while the countryside de-industrialized in many regions and specialized in agriculture and livestock breeding. What was known as the Industrial Revolution was merely an “illusion”, caused by the coincidence of an urban implosion and mechanization.⁴¹

URBANIZATION, MIGRATION, AND PROLETARIANIZATION

Like Lewis Mumford, Tilly regarded the city as the combined outcome of state-building and capital-formation.⁴² In *The Vendée* he observed that urbanization was a prominent force. Urbanization is regarded there as the outcome of two developments, namely market expansion, requiring on the one hand, “communication, specialists in coordination, and penetration of existing, traditional forms of social organization”, and on the other hand, state centralization, which “encourages the rise of specialists in political coordination and manipulation, calls for more frequent exchanges of orders and information, draws formerly isolated regions and communities into greater contact with decision-making centers, and into greater dependence upon them”.⁴³ Urbanization, however, was not only a dependent variable but in turn promoted state-building and capital-formation as well. Especially in the period 1500–1800, good-sized cities relied on cash crops from the surrounding countryside. Commercial agriculture promoted the prosperity of merchants and small and medium-sized farmers, which in turn reduced the leverage of the great landlords, also with respect to the monarchs.⁴⁴

While the number of European states diminished since 1500, cities increased in both number and size. This divergence led the number of large cities in each state to grow considerably and caused a shift in fiscal strategies, demands for services, and political relationships. State bureaucracies expanded, land taxes became less significant, and – from the mid-eighteenth century onwards – forms of collective action and surveillance changed.⁴⁵ Urbanization was paralleled by changes in the nature of the countryside. The transition from subsistence polyculture

41. Charles Tilly, “Retrieving European Lives”, in Olivier Zunz (ed.), *Reliving the Past: The Worlds of Social History* (Chapel Hill, NC, 1985), p. 43.

42. Charles Tilly, “Since Gilgamesh”, *Social Research*, 53 (1986), pp. 391–410, 401.

43. Tilly, *Vendée*, pp. 17–18.

44. Tilly, *Coercion, Capital, and European States*, pp. 48–49.

45. Tilly, “Geography of European Statemaking”, p. 174.

to cultivation of cash crops for the urban market had major social ramifications:

The producer binds himself to distant and nameless consumers, adopts new standards for evaluating his work, requires for his yearly operation information from a much wider range of sources than before, and depends on market specialists both as sources of commodities he now needs and as a means for the sale of the cash crops he now produces.⁴⁶

By 1500–1800, geographic mobility was already substantial, with annual migration rates of 10 per cent and higher, although this migration was often local and took place between nearby villages or to a city in the surroundings. Such migration was also promoted by the natural demographic decline occurring in nearly all European cities during the early modern period: deaths outnumbered births. Even in demographically stagnating cities, demand for migrants from nearby villages and towns persisted. Only from the nineteenth century onward was this pattern replaced by two other movements, namely extra-continental migration (an estimated 50 million people, mostly proletarians, between 1800 and World War I) and short-distance commuting.⁴⁷

In his analyses of migration processes Tilly emphasized that the effective units tended to be sending and receiving social networks – in some cases related to one another – rather than individuals and households. After looking for answers to two questions, namely how long migrants left their sending area, and how definitive their rift with the sending network was, Tilly devised multiple typologies of migration patterns over the years. Three forms keep resurfacing in his publications: (1) in *circular migration* people return to their area of origin after a clearly circumscribed interval (seasonal work on harvests, etc.); (2) *chain migration* entails extended displacements with active support from related sending and receiving networks; and (3) in *career migration* persons or households move more or less permanently, because large structures (firms, governments, armies) offer them opportunities for upward social mobility. Other patterns identified by Tilly in some cases include colonizing migration (which entails integral transfer elsewhere of a segment of a sending network) and coerced migration, such as the slave trade, for example, in which all ties between migrants and sending network are severed. Some of these patterns overlap, and a few (e.g. career migration) are numerically less significant than others.⁴⁸

46. Tilly, *Vendée*, p. 18.

47. Charles Tilly, “Demographic Origins of the European Proletariat”, in David Levine (ed.), *Proletarianization and Family History* (Orlando, FL, 1984), pp. 45–46; *idem*, “Migration in European History”, in William H. McNeill and Ruth S. Adams (eds), *Human Migration: Patterns and Policies* (Bloomington, IN [etc.], 1978), pp. 51–52.

48. Charles Tilly, “Transplanted Networks”, in Virginia Yans-McLaughlin (ed.), *Immigration Reconsidered: History, Sociology, and Politics* (New York, 1990); *idem*, *Durable Inequality*, pp. 163–169; *idem*, “Migration in Modern European History”; *idem*, “Trust Networks in

Table 1. *Population growth and proletarianization in Europe, 1500–1900 (in millions)*

	1500	1800	1900
Total population	56	150	285
Non-proletarians	39	50	85
Proletarians in cities	1	10	75
Rural proletarians	16	90	125

Proletarianization is, according to Tilly's description, "the declining control of households over their own means of production, and the increasing dependence of those households on the sale of their labor power".⁴⁹ Proletarianization is caused by capital-formation and indirectly by state-building as well. The two causes of this process were: (1) states protected the capital, because it benefited them financially and thus promoted auspicious accumulation; and (2) state-building coincided with rising taxation that forced the population to engage in market transactions, as this was the only way they could earn money to fulfil their obligation toward the state.⁵⁰

Proletarianization in Europe took place in two stages. In the first stage (until roughly 1800) the majority of the proletariat was in the countryside. Because of de-central capital-formation and the concurrent cottage industry in rural areas, plus the impoverishment of parts of the agrarian population, even in Britain, the heartland of the so-called Industrial Revolution, relatively more proletarians lived in the countryside than in the cities for a long time. In the nineteenth and twentieth centuries, when capital became concentrated in the cities, and the countryside de-industrialized, the relative share of rural proletarians declined, and city workers became concentrated in larger production units.⁵¹

In an audacious attempt to quantify the pace of this proletarianization in Europe, Tilly generalized the data that Karlheinz Blaschke had found for the Kingdom of Saxony to apply to the entire continent (not including Turkey and Russia).⁵² His estimate is shown in Table 1 above.⁵³

Transnational Migration", *Sociological Forum*, 22 (2007), pp. 3–25. The importance of networks (professions, kin groups) for migrants was previously highlighted in Charles Tilly and C. Harold Brown, "On Uprooting, Kinship, and the Auspices of Migration", *International Journal of Comparative Sociology*, 7 (1967), pp. 139–164.

49. Tilly, *Contentious French*, p. 5; *idem*, "Proletarianization", pp. 179–181.

50. Charles Tilly, "States, Taxes, and Proletarians", in *idem*, *As Sociology Meets History*, p. 202.

51. Tilly, "Since Gilgamesh", p. 408.

52. Karlheinz Blaschke, *Bevölkerungsgeschichte von Sachsen bis zur industriellen Revolution* (Weimar, 1967).

53. Tilly, "States, Taxes, and Proletarians", p. 198; *idem*, "Demographic Origins of the European Proletariat", p. 36; *idem*, *Trust and Rule*, p. 121.

Table 2. *Some components of European demographic growth (annual percentage rates of increase)*

Period	Non-proletarian natural increase	Proletarian natural increase	Mobility into proletariat
1500–1800	0.25	0.5	0.4
1800–1900	0.6	0.9	0.1

A population's growth or decline is always the combined result of three mutually dependent factors: natural increase (births minus deaths), social mobility (accessions to the population minus exits from the population), and net migration (immigration minus emigration). Tilly argued that in Europe natural increase (children of proletarians become proletarians as well) was the most important factor explaining proletarianization, especially after 1800. While the limited capital of their households forced artisans and peasants to marry fairly late and to limit family size, proletarians married early and had a high fertility rate: the more "hands", the higher their income.⁵⁴ Tilly proposed the following hypothesis:

[...] on the average, proletarians responded to economic expansion with greater declines in mortality and greater increases in fertility than nonproletarians did and responded to economic contraction with greater increases in mortality but no greater declines in fertility than nonproletarians did. The consequence was a disproportionate natural increase of proletarians in good times, not completely compensated by the natural decrease of bad times.⁵⁵

Relying on some "strong guesses", Tilly provided very rough estimates of demographic growth rates (Table 2 above).⁵⁶ Tilly's hypothesis clearly differs from the view often defended – which we have already observed in Marx's work and elsewhere – that the most important component of the proletariat's growth was mobility from non-proletarian to proletarian positions. This hypothesis has been subject to considerable criticism.⁵⁷

54. Tilly, "Demographic Origins", pp. 40–43, 52. This is a generalization of the well-known thesis of Franklin Mendels about the demographics of proto-industries. Tilly has speculated elsewhere as well about the end of the high proletarian fertility rates. At a certain point *embourgeoisement* occurs: "the acquisition of property and the investment in children's futures among all classes of the population, in this argument, checks fertility more decisively than ever before"; Charles Tilly, "Questions and Conclusions", in *idem* (ed.), *Historical Studies of Changing Fertility* (Princeton, NJ, 1978), pp. 349–350.

55. Tilly, "Demographic Origins", p. 39.

56. *Ibid.*, p. 47.

57. Wally Secombe, *A Millennium of Family Change: Feudalism to Capitalism in North-western Europe* (London [etc.], 1992), called Tilly's analysis "pathbreaking" (p. 168) but rejected it nonetheless. "He [Tilly] proposes no change in proletarian vital rates coincident with the

In a few publications, among which the most important is *Work Under Capitalism*, and which Tilly wrote together with his son Chris, he attempted to understand the labour relationships of wage earners. Contrary to neoclassical economists alleging that market forces and technology determine the nature of work, he advocated a far broader approach that took into account social context and connections. Focusing on “work contracts” – which he interpreted as “the prescribed relations” between workers and other parties involved in their work – Tilly devised a model for labour relations under capitalism that accommodated historical and cultural variations, emphasizing the three main types of work incentives: coercion (threats to inflict harm), compensation (wages, tips, bonuses, etc.), and commitment (invocation of solidarity).⁵⁸

COLLECTIVE CLAIM-MAKING

Both state-building and capital-formation entail fundamental conflicts that generate open contention. State-building coincided with three types of conflicts: (1) growing states drew heavily on the resources of their subject populations (conscription, taxation), which led to resistance; (2) consolidating states competed with great lords for support from these same populations; and (3) groups within the domain of the states vied for resources, rewards, etc. under the state's control. Capital-formation added three other types of conflicts: (4) the opposition of capital and labour, i.e. between the owners of the production means and those who worked for them; (5) the struggle between capitalists and others enforcing claims to land, labour, and other resources; and (6) competition among capitalists. These conflicts would lead several parts of the population to claim property, provisions, and freedom. The exact course of state-building and capital-formation largely determined timing, social foundation, form, and outcomes of such collective claims. “Massive peasant rebellions, for example, occurred chiefly in bulky, poorly capitalized, coercion-intensive states, while the struggles of guilds for power and privilege concentrated in the territories of intense commercial capitalism and capitalized states.”⁵⁹

overall acceleration of the mid eighteenth century, but a later quickening in the nineteenth century. It seems more likely that the ranks of wage-earners were swelled primarily by the extrusion of rural youth from other classes. While proletarian households would lead the vital revolution in the second half of the eighteenth century, their indigenous growth rates were similar to, or smaller than, those of other classes before 1750” (p. 294). Secombe's evidence, however, is “fragmentary and indirect” (*ibid.*).

58. Chris Tilly and Charles Tilly, *Work Under Capitalism* (Boulder, CO, 1998), pp. 74–75, 86–92. Compare Tilly, *Durable Inequality*, pp. 110–113.

59. Charles Tilly, *European Revolutions, 1492–1992* (Oxford, 1993), pp. 37–38; *idem*, “Retrieving European Lives”, pp. 40–41; *idem*, *Contentious French*, pp. 6–7.

Once collective claims are enforced by the public authorities (state agents) these claims turn into *rights*. Claims that are not enforced or are enforced by parties other than the public authorities (e.g. by hired squads of thugs) are therefore not rights.⁶⁰ To enforce claims, a state requires a certain *governmental capacity*, which means that governmental actions should be capable of affecting “distributions and deployments of people, activities, and resources within the government’s territory”.⁶¹

Tilly took greater interest in conflicts arising from state-building than in those attributable to capital-formation; even in his studies about strike behaviour, he focuses on the political aspect.⁶² His basic assumption was that within a population several groups tried to influence the government. On the one hand, there are the *contenders*, who routinely claim support from the government in the form of resources or actions; they pertain to the *polity*, i.e. the set of all successful contenders. On the other hand, there are the *challengers*, who even though they request support from the government like the contenders do not routinely receive it. Contenders are therefore insiders, while challengers are outsiders.

Contenders cannot expect to remain part of the polity automatically. Their success depends on their ability to mobilize a sufficiently large following or clientele, possibly through coercion tactics. If eventually their efforts cease to be effective, they are excluded from the polity. As the changes in composition of the polity accelerate, the contestations, which in some cases are more and in other cases less violent, will broaden. Conflicts occur especially between contenders, between contenders and

60. Charles Tilly, “Where Do Rights Come From?”, in *idem*, *Stories, Identities, and Political Change* (Lanham, MD, 2002), p. 124; *idem*, “Globalization Threatens Labor’s Rights”, *International Labor and Working-Class History*, 47 (1995), pp. 1–23.

61. Charles Tilly, *Regimes and Repertoires* (Chicago, IL, 2006), p. 23.

62. Edward Shorter and Charles Tilly, *Strikes in France, 1830–1960* (Cambridge, 1974) mainly defended two statements: (1) the French waves of strikes (1833, 1840, 1869–1870, 1893, 1899–1900, 1906, 1919–1920, 1936, 1947–1949, 1953) consistently represented extensions of normal processes of political participation – they were primarily intended not as “real tests of economic strength”, but as “symbolic displays of political energy and resoluteness”, targeting the public authorities; and (2) these waves of strikes never erupted completely spontaneously but made sense only as the outcome of prior organizational forms, i.e. “the availability of a structure which identifies, accumulates and communicates grievances on the one hand, and facilitates collective action on the other” (pp. 284 and 343). Both conclusions were vehemently rejected by French authors. See earlier reactions from Michelle Perrot (pp. 888–891) and Claude Durant (pp. 891–894) to a pre-publication by Charles Tilly and Edward Shorter, “Les vagues de grèves en France”, *Annales, ESC*, New Series, 28 (1973), pp. 857–887. Jacques Rancière expressed a point of view diametrically opposed to that of Tilly, suggesting that “militant activity is perhaps inversely proportional to the organic cohesion of the trade, the strength of the organization, and the ideology of the group”; Jacques Rancière, “The Myth of the Artisan: Critical Reflections on a Category of Social History”, in Steven L. Kaplan and Cynthia J. Koepp (eds), *Work in France: Representation, Meaning, Organization, and Practice* (Ithaca, NY, 1986), p. 321.

challengers, and between challengers and agents of the state (police, army), and less frequently between challengers or between contenders and state agents. Sometimes such conflicts will cause a polity to break up into more than one. If such a condition continues for an extended period, it is a “revolt” or a “civil war”, which may lead to permanent division of a territory into two or more autonomous territories. Constituting a new single polity following a period of fragmentation means, according to Tilly, that a revolution has taken place.

The complex of claim-making, as well as the emergence, the logic, and the consequences thereof, are pivotal in Tilly's oeuvre. The questions that probably preoccupied Tilly the most during his lifetime are: “Under what conditions will normally apathetic, frightened, or disorganized people explode into the streets, put down their tools, or mount the barricades? How do different actors and identities appear and transform in episodes of contention? Finally, what kind of trajectories do these processes follow?”⁶³

Tilly became convinced very early on that protest did not erupt out of the blue from discontent about rampant unemployment and high food prices. He objected vehemently to what he called “the Hydraulic Model”, which holds that protest ensues almost automatically when people fall on hard times: “hardship increases, pressure builds up, the vessel bursts. The angry individual acts as a reservoir of resentment, a conduit of tension, a boiler of fury”.⁶⁴ In response, Tilly tried to discover rationality in collective action. One of his basic principles was that the nature of contentious politics changes as the most important addressee (the state) changes character, while at the same time the state changes *because of* contentious politics as well. Adequately conceptualizing this correlation proved particularly difficult. During the first few decades Tilly remained captivated by the modernization idea and invested enormous intellectual energy trying to relativize this mindset. In the 1960s and 1970s – tempted by the work of Eric Hobsbawm and George Rudé⁶⁵ – he successively used several schemata based on three evolutionist stages. First, he identified “primitive”, “reactionary”, and “modern” collective violence. He believed that these stages paralleled centralization of state power: first, local, small-scale forms of protest dominated; as the power of the state increased, resistance focused on preserving established rights; finally,

63. Doug McAdam, Sidney Tarrow, and Charles Tilly, *Dynamics of Contention* (Cambridge, 2001), p. 38.

64. Charles Tilly, “Food Supply and Public Order in Modern Europe”, in: *idem* (ed.), *The Formation of National States in Western Europe* (Princeton, NJ, 1975), pp. 390–392. This is strikingly similar to E.P. Thompson's criticism of the “spasmodic school”. See Edward P. Thompson, “The Moral Economy of the English Crowd in the Eighteenth Century”, *Past and Present*, 50 (1971), pp. 77–78.

65. Tilly, *Stories, Identities, and Political Change*, p. 5.



Figure 1. Charles Tilly and Louise Audino Tilly at the 1994 American Historical Association in San Francisco after Louise had delivered her presidential address. Louise Tilly became widely respected for her historical studies on collective action, women, and family life. Together from the 1950s till the mid-1990s, the Tillys were not only a couple, but also a scholarly team, teaching together and pursuing a number of joint research projects.

Photograph by Marie Kennedy. Reprinted with permission.

there was the resistance that accepted the existence of centralized states and pursued expansion of rights.⁶⁶ A few years afterwards, he introduced another trio denoting the claims of the protest, distinguishing “competitive”, “proactive”, and “reactive” action.⁶⁷

66. Charles Tilly, “Collective Violence in European Perspective”, in Hugh Davis Graham and Ted Robert Gurr (eds), *The History of Violence in America: Historical and Comparative Perspectives* (New York, 1969), pp. 12–24.

67. Charles Tilly, Louise Tilly, and Richard Tilly, *The Rebellious Century, 1830–1930* (Cambridge, MA, 1975), pp. 49, 249; Tilly, *From Mobilization to Revolution*, pp. 143–146.

In the second half of the 1970s, however, Tilly realized that these schematas should be discarded. In retrospect, he observed:

[...] a form such as the strike sometimes appeared in all three contexts; the categories actually described claims, not forms, of action. What is more, the trio's teleological tone bothered me, especially when other authors adopted it as an evolutionary scheme. It sounded suspiciously like modernization theory. The comparisons that my collaborators and I had undertaken in *The Rebellious Century* (1975), in the work on Great Britain I had recently begun, and in the research on France I was starting to synthesize made the weaknesses of the tripartite scheme apparent.⁶⁸

Dissatisfaction with the classification led Tilly – as it previously had Erving Goffman – to resort to theatrical metaphors. After all, claimants resemble actors: they have a limited repertoire (petitions, demonstrations, etc.), which they perform whenever they wish to present their claims collectively to the authorities or to opponents. So there are always certain *repertoires of contention* comprising several performances each. Repertoires may therefore be described as “the limited, familiar, historically created arrays of claim-making performances that under most circumstances greatly circumscribe the means by which people engage in contentious politics”.⁶⁹ Performances and repertoires are never expressed solely by the claimants but consistently evolve into a confrontation with the adversary, the object of the claims. They involve continuous interaction

68. Charles Tilly, “Contentious Repertoires in Great Britain, 1758–1834”, in Mark Traugott (ed.), *Repertoires and Cycles of Collective Action* (Durham [etc.], 1995), pp. 28–29. Frank Furedi has suggested a different (that is, a dialectical) solution to Tilly's problem: “It is necessary to distinguish between the forces that create the determination to take collective action and the manner of its articulation. Movements do not evolve in a unilinear direction, and in Africa as elsewhere widespread national mobilizations may be succeeded by manifestations of parochial and regional sentiments. More to the point, the distinctions between proactive and reactive demands may be more apparent than real. Reactive demands in the context of intense conflict often give rise to the formulation of new objectives. Thus squatters defending their ‘traditional rights’ ended up as the most fervent supporters of national freedom during the Mau Mau revolt”; Furedi, *The Mau Mau War in Perspective* (London, 1989), p. 15.

69. Tilly, *Regimes and Repertoires*, p. vii; *idem*, *Popular Contention in Great Britain*, pp. 41–48. Tilly is known to have used the “repertoire” concept by the early 1970s, for example in his essay about “The Modernization of Political Conflict in France”, p. 58: “At any particular time and place, people have a limited and well-defined repertoire of violent forms. The repertoire changes systematically with time and place, as the basic forms of organization for nonviolent action vary.” He presented the concept more systematically in “Getting It Together in Burundi, 1675–1975”, *Theory and Society*, 4 (1977), pp. 479–504, although he retained the competitive, reactive, and proactive categories as well for a few more years; see especially *From Mobilization to Revolution*. In his original presentation of the “repertoire of collective action” concept, Tilly assumed that “a single actor (individual or collective) owned a repertoire of means and deployed it strategically”. That was an error and “a significant weakness”; “Contentious Repertoires in Great Britain”, pp. 29–30. He later stressed that repertoires were interactive.

between the authorities and the claimants. Assemblies are prohibited, consultation occurs, demands are presented, borders are explored: in this respect the repertoire is always the outcome of bargaining. It is plastic and changes over time.

In one of his final books, *Contentious Performances* (2008), Tilly elaborates on this idea, convincingly arguing here that public collective contention “overwhelmingly” involves “strong repertoires”, which means in part that:

- In particular times and places, performances cluster into a limited number of recurrent, well-defined types.
- Within the range defined by all contentious actions that a given set of actors carry on, substantial blanks appear; combinations of actions clearly lying within the technical reach of participants never occur. As a result, performance types have visible boundaries rather than distributing continuously over the space of technically possible performances.
- For a given set of actors and issues, those performances change relatively little from one round of action to the next; what happens in one round of action, furthermore, detectably constrains what happens in the next round. [...]
- New performances arise chiefly through innovation within existing performances, but tend to crystallize, stabilize, and acquire visible boundaries once they exist.⁷⁰

A great many factors influence the development of performances and repertoires, such as “the population’s daily routines and internal organization (example: the grain seizure depends on the existence of periodic public markets and on a population that relies on those markets for survival)”; “prevailing standards of rights and justice (example: the firm-by-firm strike depends on the presumption that people have the right to dispose of their own labor)”; “the population’s accumulated experience with collective action (example: the appearance of the demonstration of a standard form of contention depends on the discovery that some sorts of officials are more likely than others to listen to demands that have the visible backing of large numbers of determined people)”; and “current patterns of repression (example: the adoption of the public meeting as a vehicle for protest depends on the vigor with which the authorities have been breaking up public meetings)”.⁷¹

Tilly used his databases to hypothesize that the transition from indirect to direct rule (1750–1850) coincided with a significant shift in the repertoire of contention. Until about 1800 the performances were *parochial*,

70. Tilly, *Contentious Performances*, pp. 60, 143–144.

71. Tilly, *Contentious French*, pp. 10, 395–398. To complete the picture, note that protesters need to keep revising their repertoire to mobilize enough people: continually repeating the exact same types of action would bore the claimants; Tilly, *Regimes and Repertoires*, p. 41.

particular, and *bifurcated* – “mostly local in scope, adopting forms and symbols peculiar to the relationship between claimants and the objects of their claims, either acting directly on a local relationship or asking privileged intermediaries to convey claims to more distant authorities”. Such parochial actions included land invasions, rough music, seizures of grain, or expulsions of tax collectors. From the nineteenth century onward, the repertoire gradually became *cosmopolitan*, *autonomous*, and *modular*:

[...] cosmopolitan because both the scope of action and the objects of claims commonly spanned multiple localities; autonomous because the organizers of such performances frequently scheduled and located them in advance at their own initiative rather than taking advantage of authorized assemblies or routine confluences of people; modular because they employed very similar performances across a wide range of issues, groups, localities, and objects of claims.

Examples include public meetings, demonstrations, firm-by-firm strikes, or electoral rallies.⁷²

Both types of repertoires were effective in the context where they were used; labelling one backward and the other modern is therefore inappropriate. While the old repertoire comprised ephemeral actions, those in the new repertoire tended to be components of longer-term projects. The new repertoire marked the rise of national social movements.⁷³

Tilly long avoided the concept of “social movements” – I suspect that he adopted the notion only in the 1980s.⁷⁴ And only at the start of the twenty-first century did he perfect his own definition of the term. Tilly believed that a social movement was a synthesis of three elements. The first was a finite *campaign* that connected three parties with one another: the claimants, the object or objects of the claimants, and the general public. The second consisted of the *WUNC displays*, meaning that the participants aimed to achieve Worthiness, Unity, Numbers, and Commitment: they were well-dressed and were accompanied by dignitaries, clergy, or mothers with children; they demonstrated their unity through banners, singing, and chanting slogans; they were as numerous as possible; and they showed their dedication by

72. Tilly, *Popular Contentions in Great Britain*, p. 349; *idem*, *Contentious French*, pp. 390–395; *idem*, “European Violence and Collective Action since 1700”, *Social Research*, 53 (1986), pp. 159–184, 170ff.; *idem*, *Regimes and Repertoires*, pp. 51–54. Tilly noted, moreover, that his dichotomy of repertoires split a continuum in two; *Contentious French*, p. 394.

73. Tilly believed that the repertoire of the so-called New Social Movements of the last quarter of the twentieth century differed very little from the older repertoire that had prevailed since the nineteenth century; Charles Tilly, “Social Movements, Old and New”, *Research in Social Movements, Conflicts and Change*, 10 (1988), pp. 1–18.

74. See e.g. Charles Tilly, “Britain Creates the Social Movement”, in James Cronin and Jonathan Schnerer (eds), *Social Conflict and the Political Order in Modern Britain* (London, 1982); *idem*, “Speaking Your Mind Without Elections, Surveys, or Social Movements”, *Public Opinion Quarterly*, 47 (1983), pp. 461–478.

braving adverse weather, resisting repression, and the like. The third was the *contentious repertoire*, as described above.⁷⁵

According to Tilly, social movements originated in Britain during the first half of the nineteenth century, as a result of wars, parliamentarization, capitalization, and proletarianization. Wars, as we observed above, gave the government greater control over the daily lives of the lower classes and led state agents to try to convince large parts of the population to support the war effort financially or in person. Increasing influence from parliaments – the outcome of war efforts financed partially through measures subject to parliamentary approval – made clear to large sections of the population that these bodies of elected representatives were important for their existence. The growing significance of agrarian, commercial, and industrial capital reduced the independent influence of large landowners. And proletarianization reduced the direct dependence of the lower classes on certain landlords, masters, and other patrons. Together, the four elements gave rise to coalitions between different social groups and caused proletarian and petit-bourgeois activists to stop allowing the “short-term effectiveness” of collective action to prevail and to think instead in terms of the “long-term cumulation of efforts”.⁷⁶

As a consequence of increasingly successful civic claim-making, the share of non-military state expenditures in the budget grew during the nineteenth century. Parallel to this process, capitalists and workers alike managed to embed rights and privileges in the state. “Establishing the right to strike, for example, not only defined a number of previously common worker actions (such as attacks on nonstrikers and scabs) as illegal, but also made the state the prime adjudicator of that right.”⁷⁷

One aspect of political contention that always interested Tilly was collective violence, i.e. “social interaction that immediately inflicts physical damage on persons and/or objects [...], involves at least two perpetrators of damage, and results at least in part from coordination among persons who perform the damaging acts”.⁷⁸ He published on this

75. Charles Tilly, *Social Movements, 1768–2004* (Boulder, CO [etc.], 2004), pp. 3–4; *idem*, *Regimes and Repertoires*, p. 53; *idem*, *Contentious Performances*, pp. 118–126. The four WUNC elements can partially compensate for one another: “a high value on worthiness can make up for small numbers. Yet a visibly low value on any one of these elements (a public demonstration of unworthiness, division, dwindling numbers and/or outright defection) discredits the whole movement”; Tilly, *Durable Inequality*, p. 213. In one of his final publications he added a fourth element, namely *social movement bases*, i.e. “the organizations, networks, traditions, and solidarities that sustain these activities”; *idem* and Sidney Tarrow, *Contentious Politics* (Boulder, CO [etc.], 2007), p. 8.

76. Tilly, *Popular Contention in Great Britain*, p. 364; *idem*, *Social Movements*, p. 27.

77. Tilly, “Futures of European States”, p. 711.

78. Tilly, *Regimes and Repertoires*, p. 118; *idem*, *Politics of Collective Violence*, pp. 3–4.

subject over the course of more than four decades. Tilly consistently argued that violence was a “normal” – albeit not an intrinsically desirable or inevitable – aspect of contention: “violent protests tend to accompany, complement, and extend organized, peaceful attempts by the same people to accomplish their objectives”.⁷⁹ After discarding the modernization idea, Tilly devised a classification of forms of collective violence ranging from violent rituals and coordinated destruction, via brawls to so-called “opportunistic” acts, such as kidnapping, hostage-taking, gang rapes, etc.⁸⁰

One far-reaching form of contentious politics that ordinarily coincides with collective violence is revolution. Tilly's revolution concept corresponds with Leon Trotsky's notion of “dual power”,⁸¹ although it differs significantly from it as well. Trotsky assumed that two opposing classes were vying for state control. Tilly believed, however, that this model contained unnecessary restrictions. There could be more than two blocks, and these blocks need not consist of only one class but might be based on class coalitions. This less rigid approach is necessary to label the French, Mexican, and Chinese revolutions as such.⁸² Revolutionary situations arise when contenders or coalitions of contenders try to seize control of the state or of part of the state and have the support of a significant share of the population, while the rulers are unable or unwilling to repress or give in to these contenders.⁸³

CITIZENSHIP AND DEMOCRATIZATION

From the 1990s onward, Tilly returned to the key theme of his mentor Barrington Moore, Jr and investigated the circumstances under which states democratize or de-democratize. At this point he definitively broadened his geographic horizon and examined state formation in all parts of the world, emphasizing contemporary affairs far more than he had done previously. Tilly's earlier studies on French and British history had made clear to him that contentious politics changed the form of states.

79. Tilly, “Collective Violence in European Perspective”, pp. 5, 10, and 43–44.

80. Tilly, *Politics of Collective Violence*, p. 131. *Politics of Collective Violence* features a lengthy reconstruction of the forms of collective violence listed here. Tilly regarded terror not as a single form of violence but as a strategy: “deployment of violence or threats of violence against a very unequal target”; Tilly, *Regimes and Repertoires*, p. 138. The inequality may mean that the perpetrator of the violence is much stronger than the victim (e.g. state terror) or in fact much weaker; Charles Tilly, “Terror, Terrorism, Terrorists”, *Sociological Theory*, 22 (2004), pp. 5–13 (also in *idem*, *Explaining Social Processes* (Boulder, Co, 2008)); *idem*, “Terror as Strategy and Relational Process”, *International Journal of Comparative Sociology*, 46 (2005), pp. 11–32.

81. Leon Trotsky, *The History of the Russian Revolution*, Max Eastman (trans.) (London, 1932), ch. 11.

82. Tilly, *From Mobilization to Revolution*, p. 191.

83. Tilly, *European Revolutions*, pp. 241–242.

In *Popular Contention in Great Britain*, Tilly had demonstrated that struggles between popular groups and ruling elites had led to “parliamentarization” of the national state and had given rise to the national social movement. This change also brought about a new connection between local and national levels – namely citizenship. In one of his last works Tilly defined citizenship as “mutual rights and obligations directly binding governmental agents to whole categories of persons defined by their relationship to the government in question”. Citizenship therefore exists only if “governmental capacity is relatively extensive, rights extend to some significant share of a government’s subject population, some equality of access to government exists among political participants, consultation of political participants makes a difference to governmental performance, and political participants enjoy some protection from arbitrary action”.⁸⁴

Citizenship is a necessary but not an adequate condition for parliamentary democracy. In a programmatic text from 1995, entitled “Democracy is a Lake”, Tilly observed that the rise of citizenship made democracy “an option” but not “a necessity”.⁸⁵ After all, modern dictatorships such as National Socialism and Stalinism provided for fairly broad and equal citizenship. Democracy is a specific form of citizenship that provides citizens with considerable protection from arbitrary acts by the state and involves mutually binding consultation: state agents fulfil the wishes of the population, and the population observes the corresponding rules drafted by the state agents. A regime therefore becomes more democratic, when: (1) a larger share of the population, (2) is consulted on a more equal basis, and (3) is more protected from the state’s arbitrary action, while (4) the state agents and the population pay more attention to one another. As the state increases its “capacity”, it becomes better able to promote democracy. A regime can therefore be democratic only once the state can enforce its decisions.⁸⁶ Of course high capacity does not guarantee that a state will be democratic; high capacity is obviously compatible with a dictatorship as well.

The question that truly preoccupied Tilly was which circumstances promoted, or in fact obstructed, democratization. He understood that social movements as such did not inevitably result in democracy; after all, they could also pursue social inequality and exclusion, as did racist

84. Tilly, *Regimes and Repertoires*, p. 24. Cf. the previous description of citizenship as “a continuing series of transactions between persons and agents of a given state in which each has enforceable rights and obligations uniquely by virtue of (1) the person’s membership in an exclusive category, the native-born plus the naturalized and (2) the agent’s relation to the state rather than any other authority the agent may enjoy”; Charles Tilly, “Citizenship, Identity and Social History”, *International Review of Social History*, Supplement 3 (1995), pp. 1–17, 8.

85. Tilly, “Democracy is a Lake”, p. 376.

86. Charles Tilly, *Contention and Democracy in Europe, 1650–2000* (Cambridge, 2004), pp. 13–14; *idem*, *Democracy* (Cambridge, 2007), pp. 14–16.

movements.⁸⁷ Conversely, democracies might come about without social movements, as became clear, following the Allied occupations of Germany and Japan in 1945.⁸⁸ In the course of his quest for an answer, Tilly ultimately realized that formulating sufficient conditions for democratization and de-democratization was impossible, although processes that promoted or obstructed democratization were identifiable.

Three types of changes promoted democratization in Tilly's view. First, existing trust networks (trading diasporas, kinship groups, religious communities, etc.) should not remain aloof from the state but should integrate significantly into the regime to get their members to engage in mutually binding consultation. Second, categorical inequality – distribution of the population into different groups with collectively diverging life opportunities, depending on social class, gender, race, caste, ethnicity, religion, or nationality – is not translated directly into categorical differences in political rights and obligations: severe social inequality will not intrinsically impede democracy, provided that citizens have basically the same political rights. And third, autonomous power clusters, especially those with concentrated coercive means need to be placed under the aegis of public politics and become part of regular citizen–state interactions.⁸⁹

- *Trust networks*⁹⁰ are not intrinsically conducive to democratization; in numerous cases they have in fact obstructed democracy.⁹¹ What matters is that trust networks are integrated in the state, either directly (e.g. via social security systems) or indirectly (e.g. via trade unions, churches).
- Tilly interpreted *categorical inequality* as comprising dual inequalities, such as those between black and white, male and female, citizen and non-citizen, etc. Such inequalities mean that one category has far less access than the opposite category to certain resources (e.g. coercive means, skills,

87. While social movements promote democratization only under certain conditions, the reverse correlation is much stronger: democratization promotes social movements, even though it is an “incomplete correspondence”; Tilly, *Social Movements*, p. 126.

88. Tilly, *Social Movements*, pp. 56–59; Charles Tilly, “When Do (and Don't) Social Movements Promote Democratization?”, in Pedro Ibarra (ed.), *Social Movements and Democracy* (New York, 2003).

89. Tilly, *Democracy*, pp. 74–76.

90. Trust networks consist of “ramified interpersonal connections, consisting mainly of strong ties, within which people set valued, consequential, long-term resources and enterprises at risk to the malfeasance, mistakes, or failures of others”; Tilly, *Trust and Rule*, p. 12; *idem*, *Democracy*, p. 81.

91. Tilly was therefore highly critical of the work of Robert Putnam, who made the blanket assumption that trust networks were important for democratization in all cases. Putnam equates not only effective and democratic institutions with one another, but also organizations, social capital and trust networks. “At best, then, we can draw from Putnam's analysis a much more modest conclusion: within already relatively democratic regimes, people who engage in civic organizations [...] are more likely to meet their collective obligations, to press for better government performance, and to trust their fellow citizens”; Tilly, *Trust and Rule*, p. 133; *idem*, *Democracy*, p. 92.

animals, land, machines, financial capital, information, media, knowledge). Two mechanisms engender such inequalities, namely Marxian exploitation and Weberian opportunity-hoarding. *Exploitation* means that members of a categorically bounded network appropriate resources generated entirely or in part by others, for which these others are not compensated for the full value added. *Opportunity hoarding* occurs when members of a categorically bounded network monopolize a valuable resource that reinforces the network. Such inequalities become durable when transactions across a categorical boundary (e.g. black–white) regularly benefit one of both sides, and the boundary is reproduced.

Categorical inequality (in the sense of sustained differences in advantages by property ownership, religion, gender, or race, etc.) is not ordinarily created deliberately from the outset. It is more likely to come about as follows. First, people try to appropriate certain resources through exploitation or opportunity-hoarding. If they succeed, the resulting inequality needs to be consolidated; this requires distinguishing insiders from outsiders, monopolizing knowledge and power, and ensuring loyalty and succession. All this may be achieved by establishing categorical boundaries. Democracy only becomes possible, when categorical inequality becomes insulated from public politics: “Democracy can form and survive so long as public politics itself does not divide sharply at the boundaries of unequal categories. Conversely, political rights, obligations, and involvements that divide precisely at categorical boundaries threaten democracy and inhibit democratization.” Here lies an important reason for the “natural affinity” between democracy and advanced capitalism. The cause is not the “ideological compatibility of democracy and free enterprise”, but rather that fully fledged capitalist states do not require categorical inequality to exist. After all, it makes no material difference whether such states obtain their financing from a small group of capitalists or from a large group of taxpayers. Because economic growth has led to a situation where “citizens, workers, and consumers coincide”, democracy becomes a realistic option.⁹²

- *Autonomous power clusters* on the territory of a regime may operate within the state (e.g. army officers) or outside (e.g. war lords). Reducing their power increases the control of the state and facilitates popular influence in politics.⁹³

CRITIQUE

In addition to being exceptionally prolific, Charles Tilly supervised hundreds of Ph.D. theses and influenced a broad circle of researchers

92. Tilly, *Democracy*, pp. 115–118, quotations from pp. 115 and 118.

93. *Ibid.*, pp. 137–139.

	From 1500 to 1750–1850	From 1750–1850 to 2000
State-building	Indirect rule Mercenary armies and urban militias	Direct rule Conscripted and volunteer armed forces
Capital formation	Small, dispersed units of production Capital moves to location of labour Little capital intervention in labour process	Expansion and concentration of production Labour moves to location of capital Capital reshapes labour processes
Proletarianization	Mainly in rural areas (agriculture and cottage industries)	Increasingly in urban areas
Geographical mobility	Short-distance migration	Short-distance commuting Long-distance (extra-continental) migration
Collective claim-making	Contentious repertoires parochial, particular, and bifurcated	Contentious repertoires cosmopolitan, modular, and autonomous
Political status of population	Subjects	Citizens of the nation-state

Figure 2. Schematic summary of Tilly's view on European history, 1500–2000.

from Spain and the Netherlands to Japan and China, thanks to the many translated editions of his publications. Both sociologists and political scientists, as well as historians, find him inspiring. At the same time, Tilly's approach has met with profound reservations, especially among historians. His studies are often considered encouraging, but in many cases also diagrammatic and overly simplistic.

These doubts are attributable in part to Tilly's intellectual stand. As we saw, he was inclined to embrace a form of historical materialism, although at heart he was a radical-democratic pragmatist, somewhat similar to John

Dewey. Tilly believed that politics was about defending and promoting civil rights.⁹⁴ Epistemologically, he cared mainly whether his intellectual constructs “worked”, meaning whether they did what they were supposed to do: “Theories are tool kits, varying in their range and effectiveness but proposing solutions to recurrent explanatory problems.”⁹⁵ The tool-kit vision leads to a certain philosophical superficiality, as well as to lenience with respect to concepts and hypotheses. If a classification or suspicion proves unfounded, it is no tragedy but does call for a better solution.

This pragmatism has significant shortcomings. This is already clear from the most primary “tools” that researchers use, namely their definitions. Over time, Tilly has provided many dozens of definitions of processes, institutions, and events, all attuned to the limited historical and geographical framework within which he wished to apply them. A definition that “works” in time frame T_1 in region R_1 , however, may prove ineffective in a different time frame T_2 or a different region R_2 and may as a consequence complicate studying a change ($T_1 \rightarrow T_2$), as well as comparison with a different region ($R_1 \leftrightarrow R_2$). His description of states as “coercion wielding entities”, for example, reduces the core tasks of public authorities to domestic repression and international warfare. In Europe this is most applicable for the early modern period, but it is less meaningful for later periods, when national states appeared “as school-teachers, social workers, bus drivers, refuse collectors, and a host of other guises”.⁹⁶

Even within a certain context (T_1, R_1), Tilly was at times inclined to narrow his scope. When he discussed the economy, he was referring primarily to merchant and industrial capital, often, although not in all cases, neglecting the interests of large landowners, small farmers, etc. William McNeill noted that “agricultural differences are entirely absent from his [Tilly’s] purview”, even though “until very recently the great majority of Europeans lived on the land; and differences in the techniques of cultivation, property law, and harvest results probably had more to do with European

94. Perhaps this related to Tilly’s tendency to attribute citizenship primarily or exclusively to protests “from below” and to acknowledge only the advantages. Samuel Clark has rightly asserted on the one hand that “national citizenship was actually initiated by absolutist regimes before the emergence of the popular movements to which Tilly and others credit it”, and on the other hand that “citizenship has two sides, an inclusionary side and an exclusionary side”; Clark, “Amending the Whig Interpretation of Citizenship”, *Contemporary Sociology*, 31 (2002), pp. 382–385, 383–384.

95. Charles Tilly, “Sociology, Meet History”, in *idem, As Sociology Meets History*, p. 11. The tool-kit analogy figures prominently in Arthur Stinchcombe’s book, *Constructing Social Theories* (New York, 1968), which Tilly deeply admired.

96. Michael Mann, Review of Tilly’s *Coercion, Capital and European States*, *American Journal of Sociology*, 96 (1991), pp. 1260–1261. See also Anton Schuurman, “Mensen maken verschil”, *Tijdschrift voor Sociale Geschiedenis*, 22 (1996), pp. 168–204, 198.

state-building than commercial capital and cities did".⁹⁷ This shortcoming appears to apply to much of Tilly's oeuvre, although there are some exceptions.⁹⁸ Likewise, Tilly's definition of capital as "any tangible mobile resources, and enforceable claims on such resources" is so broad that differences between contexts ($T_1, R_1 \leftrightarrow T_2, R_2$) become invisible.⁹⁹ Christopher Chase-Dunn and Thomas D. Hall have responded: "By this definition a Nuer headman's cows are capital." Tilly seems to confuse accumulation as such with capitalist accumulation: "The storing of yams by a Trobriand chief is not capitalist accumulation. Neither is the hoarding of treasure in temples or cathedrals."¹⁰⁰ Due in part to this overly broad perception of capitalism, Tilly is unable to acknowledge a transition from pre-capitalist relationships to a capitalist world system, rendering his reconstruction of European developments fundamentally biased: "Rather than positing a major transformation of the mode of production (a concept which Tilly does not employ) during the period he is studying, Tilly maps out the different paths by which European states increased their powers over domestic groups."¹⁰¹

Based on his definitions, Tilly aimed to perform a "neat" analysis of "untidy" processes.¹⁰² In the complex and chaotic reality, he tried to identify essential causal patterns that perhaps did not explain this whole reality but did account for a characteristic feature of it. Accordingly, he reduced a major share of European history since 1500 to two processes (capital-formation and state-building), which he tried to use to explain as many other phenomena as possible. To my knowledge, not even Tilly's harshest critics ever disputed that Tilly achieved a lot this way. He presented several insights and hypotheses that advanced historical research, including some about the relationship between state-building and claim-making, changing repertoires of contention, and the causes of democratization and de-democratization.

The method therefore has merit.¹⁰³ Note, however, that Tilly did not apply it equitably in all cases. He paid far more attention to state-building

97. William H. McNeill, Review of Tilly's *Coercion, Capital, and European States*, *Journal of Modern History*, 64 (1992), pp. 583–584, 584.

98. See especially Tilly, *The Contentious French*.

99. Tilly, *Coercion, Capital, and European States*, p. 17; *idem*, *Democracy*, p. 87.

100. Christopher Chase-Dunn and Thomas D. Hall, "World-Systems and Modes of Production: Toward the Comparative Study of Transformations", *Humboldt Journal of Social Relations*, 18 (1992), pp. 81–117, 104–105.

101. *Ibid.*

102. Charles Tilly, "Neat Analyses of Untidy Processes", *International Labor and Working-Class History*, 27 (1985), pp. 4–19.

103. We need to beware, of course, of abstractions that misrepresent historical truth. Tony Judt mentioned this thirty years ago in a vitriolic attack: "In *The Rebellious Century* he [Tilly] acknowledges that his graphs make 1871 look rather insignificant in the history of protest in France. This, he concedes, may arise from 'our procedures'. He then goes on to claim that, since

than to capital-formation. As a result, important aspects of the trends reviewed received insufficient consideration in his analyses. French historian Heinz-Gerhard Haupt observed, for example, that the fixation on the state monopoly on violence and disregard for the class differentiation that coincided with the rise of capitalism is an obstacle to understanding “that neither village-level conflicts nor opposition to state fiscal policy dominated in the Ancien Régime. Instead, parallel to consolidating the absolute monarchy, violent clashes that pitched farmers against bourgeois or aristocratic landowners over the use of the commons prevailed.” The consequences of capitalist accumulation for class relationships “fade”, and the structural violence embedded in economic relationships is overlooked, i.e. the violence contained in socio-economic relationships that produces “cumulatively disadvantageous inequality, which penetrates public awareness depending on the state of the economy and is contested in class conflicts”.¹⁰⁴

The second problem with Tilly’s dual-process model is the structuralist interpretation of capital-formation, state-building, and derivative developments. Even though Tilly may have intended otherwise, contingency hardly figures in his analyses. Despite his relational approach moreover, he ordinarily appears to view individual operators or social groups, merely as *character masks* – puppets that simply will not come to life.¹⁰⁵ This somewhat mechanistic approach leaves courses of events devoid of dialectics. Barbara Laslett’s observations about *Durable Inequality* hold true for many of his other writings as well: “There are no contradictions for Tilly, no dynamics of change that are internal to his model or vary by the specific historical conditions that one is attempting to analyze.” As a consequence, “the actor – the human agent – is lost from sight”. And because the actors are lacking, “consciousness and intention is, at most, incidental and ephemeral in his model”.¹⁰⁶ This “structural overstretch” is clear from Tilly’s use of the mechanism concept since the 1990s. On this subject Dilip Simeon has rightly remarked that: “the use of mechanical metaphors is apposite, *as long as we remember that they are metaphors*”. But, “no social-scientific machinery,

these ‘procedures’ were used consistently for the period 1830 through the mid-twentieth century, ‘we have little choice but to treat 1870–71 as a doubtful case in the correlation between extent of violence and extent of political change’. When a historian’s ‘procedures’ take over in this way, one cannot help wondering just what, or who, is the doubtful case”; Tony Judt, “A Clown in Regal Purple: Social History and the Historians”, *History Workshop Journal*, 7 (1979), pp. 66–94, 76. Judt’s references are to Tilly, Tilly, and Tilly, *Rebellious Century*, p. 60.

104. Heinz-Gerhard Haupt, “Zur historischen Analyse von Gewalt”, *Geschichte und Gesellschaft*, 3 (1977), pp. 236–256, 247, 250, 251.

105. Margaret Levi, “Bringing Pinocchio to Life”, *Contemporary Sociology*, 14 (1985), pp. 693–695. Whether Levi’s alternative (methodological individualism) is superior to Tilly’s approach is a matter of opinion.

106. Barbara Laslett, “The Poverty of (Monocausal) Theory: A Comment on Charles Tilly’s *Durable Inequality*”, *Comparative Studies of Society and History*, 42 (2000), pp. 475–481, 475–476.

however sophisticated, can provide a satisfactory explanatory account for such historical events as the role of Gandhi in the communal politics that unfolded in Calcutta during 1946–1948 or that of Lenin in revolutionary Russia between April and October 1917”.¹⁰⁷

A deterministic and unilinear historical perspective is a factor here. William Sewell has observed that in Tilly's view human intervention may at best delay historically inevitable processes but cannot stop them.

Thus for Tilly, even the most spectacular outbursts of collective violence such as those that took place during the [French] Revolutions of 1789 and 1848 do not actually change the course of history. Collective action is merely an effect or a symptom of deeper causes. The course of history is determined by anonymous sociological processes operating behind or beneath the frenetic struggles and contentions that Tilly actually describes in his articles and books.¹⁰⁸

Such unilinearism will quickly lead to Eurocentrism. Even though Tilly regularly expressed interest in developments outside the North Atlantic region, he took historical experiences outside this area less seriously than he might have.¹⁰⁹ Based in part on *Popular Contention in Great Britain*, José Antonio Lucero remarked:

While Tilly is very far from being a vulgar modernization theorist, Great Britain comes close to seeming like the original crucible in which national states, social movements, and modern citizenship were forged. [...] Such statements can not

107. Dilip Simeon, “A Unified Field Theory for Contention?”, *International Review of Social History*, 49 (2004), pp. 115–121, 116. Tilly responded to this criticism by asserting that Simeon “wavers between two contradictory positions”: on the one hand he wants general explanations, but on the other hand he considers some phenomena to be inexplicable; Charles Tilly, “Rhetoric, Social History, and Contentious Politics: Reply to Critics”, *International Review of Social History*, 49 (2004), pp. 132–141, 134–135. Simeon's point, however, was that some courses of events could be explained by mechanisms, but that others could not. He did not claim that the latter series of phenomena was inexplicable, merely that it required a *different* explanation.

Additionally, Tilly regularly listed mechanisms in his late oeuvre (e.g. in *Contention and Democracy in Europe*, pp. 18–20; *Trust and Rule*, p. 73; *Democracy*, p. 119) but long refrained from elucidating their specific effect. On this subject, see also Zenonas Norkus, “Mechanisms as Miracle Makers? The Rise and Inconsistencies of the ‘Mechanistic Approach’ in Social Science and History”, *History and Theory*, 44 (2005), pp. 348–372, 368. Tilly and Tarrow, *Contentious Politics*, p. xi, admitting that earlier publications (especially *Dynamics of Contention*) summed up all kinds of mechanisms, “without defining and documenting them carefully, much less showing exactly how they worked”; *Contentious Politics*, pp. 29, 92–94, 207, 214–215, tried to accommodate this critique. 108. Sewell, “Collective Violence and Collective Loyalties in France”, p. 533; see also *idem*, *Logics of History. Social Theory and Social Transformation* (Chicago, IL [etc.], 2005), pp. 88–91. 109. See e.g. Tilly, “Western State-Making and Theories of Political Transformation”, p. 637; *idem*, “The Geography of European Statemaking”, pp. 174–178; *idem* and Eiko Ikegami, “State Formation and Contention in Japan and France”, in James L. McClain, John M. Merriman, and Ugawa Kaoru (eds), *Edo and Paris: Urban Life and the State in the Early Modern Era* (Ithaca, NY, 1994); Charles Tilly, “Contention and the Urban Poor in Latin America”, in Silvia Arrom and Servando Ortoll (eds), *Riots in the Cities: Popular Politics and the Urban Poor in Latin America, 1765–1910* (New York, 1996); *idem*, *Contention and Democracy in Europe*, pp. 243–259.

be proven until the histories of collective action in Latin America, Africa, and elsewhere are written. I do not suggest that “the social movement” actually originated in eighteenth century Peru or that the British experience is unimportant for other parts of the world. Rather, I urge only that [...] we worry more about the particular histories of collective action in places like Peru and engage in more broadly comparative analysis on colonial and postcolonial states. Otherwise, the logic of “modular forms of collective action” crowds out alternative etiologies and histories.¹¹⁰

Comparing experiences in the North Atlantic with those in other parts of the world suggests that the state-formation logic that Tilly postulated was based on presumptions not made explicit.¹¹¹

Over time, Tilly apparently felt a need to refine and expand his historical model,¹¹² especially when he started to introduce cultural aspects that he had overlooked in the past. In his first book, *The Vendée*, he discussed a rebellion, devoting less than one page to Catholicism, even though

110. José Antonio Lucero, “On Feuds, Tumults, and Turns: Politics and Culture in Social Movement and Theory”, *Comparative Politics*, 32 (1999–2000), pp. 231–249, 234. Samuel Clark argues that Tilly’s interpretation of citizenship as a relation between persons and state agents is Eurocentric as well: “Certainly to try to understand Medieval and Early-modern urban citizenship as the relationship of people to state agents is only to handicap us. Taking Tilly’s definition to other parts of the world would be even more debilitating”; Samuel Clark, “Amending the Whig Interpretation of Citizenship”, p. 384.

111. Miguel Angel Centeno, for example, contrasted Europe with nineteenth-century Latin America and demonstrated that wars can be made “productive” for state formation only if three conditions are met. First, states have to obtain the money required for warfare exclusively via domestic mobilization of resources. In other words, they may not solve their financial problems by printing more money, taking out foreign loans, obtaining revenues from customs duties, etc. This will work only if enough money is available domestically (from tax revenues), which will be the case only if taxable consumption by the population is sufficient, quantifiable, taxable wage labour is relatively abundant, and/or there is a wealthy, landed oligarchy that has extractable sources. Second, the state requires an administrative apparatus adequate for managing rapid increases in revenues and expenditures. This is far from obvious, as became apparent, for example, when the Brazilian government was unable to conduct a census in 1851–1852. And finally, the central state “must have already established sovereignty over its territory and must be supported by enough local leaders as to make domestic extraction profitable”. In other words, “the willingness of the population to accept these burdens” is primordial, as “state capacity is not an absolute phenomenon but a relational one”. In nineteenth-century Latin America, “the relevant elites did not see the wars as threatening their social positions and thus did not have the incentive to permit greater political penetration”; Miguel Angel Centeno, “Blood and Debt: War and Taxation in Nineteenth-Century Latin America”, *American Journal of Sociology*, 102 (1997), pp. 1565–1605, 1569, 1570, 1584, 1590, 1594.

112. Ongoing elaboration of an initially simple model was also the approach taken by the Norwegian political scientist, Stein Rokkan, whom Tilly greatly admired. See e.g. Charles Tilly, “Stein Rokkans begrepsmessige kart over Europa”, in Bernt Hagtvet (ed.), *Politikk mellom økonomi og kultur: Stein Rokkan som politisk sosiolog og forskningsinspirator* (Oslo, 1992); *idem*, “Stein Rokkan et les identités politiques”, *Revue internationale de politique comparée*, 2 (1995), pp. 27–45.

this religion was paramount.¹¹³ One sign of the change in Tilly's position was when he introduced the "contentious-repertoire" concept, presented commitment as a work incentive (in addition to compensation and coercion), and started to view trust networks as a precondition for democracy. Still, Tilly never expanded his model consistently to reflect this change. His entire macro-analysis continued to revolve around capital and coercion. Adding culture as a third macro-category at some point would have been logical, but Tilly never took this step.¹¹⁴ Although we can only speculate about the reasons, complete integration of cultural elements would presumably have compelled Tilly to discard his structuralism as well and to transform his explanatory model in addition to expanding it. Anthony Smith, for example, has argued that had Tilly not neglected the ethnic aspect, his state formation theory would have appeared in an entirely different light; after all:

[...] if political leaders wish to create states and form nations under the appropriate social and technological conditions, they can only do so if the ethnic conditions are similarly favorable; and the more appropriate those ethnic conditions, the more likely are they to succeed in creating both states and nations.¹¹⁵

Many aspects of Tilly's oeuvre are undoubtedly subject to criticism. Nonetheless, Tilly's "sociology of the long pull" has demonstrated how useful focusing on a few basic long-term processes can be:¹¹⁶ concentrating on a select number of essential trends facilitates a better understanding of the complex reality. At the same time, the points of criticism reviewed above make clear that parts of Tilly's model merit revision in the future, so that it may be embedded in a broader analysis that accounts not only for the North Atlantic region but for the world as a whole and consequently reflects greater consideration for capital-formation, culture, and the non-coercive aspects of state intervention.

113. Sewell, "Collective Violence and Collective Loyalties in France", p. 532.

114. On this subject, see also Patrice Mann, "L'État, l'action collective et l'histoire", *Revue Française de Sociologie*, 26 (1985), pp. 695–712, 700.

115. Anthony D Smith, "State-Making and Nation-Building", in John A. Hall (ed.), *States in History* (Oxford [etc.], 1989), pp. 244 (quotation) and 252. "Thus, prior to 1800, states and nations were created in tandem in limited areas of Europe and Japan, on the basis of prior dominant *ethnie*. After 1800 but before 1914, states were created, and later nations, on the basis of prior *ethnie* which sought to turn themselves into states and then nations. This was the classic era of self-determination, i.e. ethnic self-transformation, in Eastern Europe. Between 1914 and 1945, we find the apogee of national assimilation of immigrants to states which until the late nineteenth century had been based on fairly small settler communities. [...] Finally, after 1945, the imposed alien state evokes an elite nationalism based on artificially constructed boundaries and territories" (p. 242).

116. Arthur L. Stinchcombe, "Tilly on the Past as a Sequence of Futures", in Charles Tilly, *Roads from Past to Future* (Lanham, MD, 1997), p. 406.

This will help us to reconstruct history as a “rich totality of many determinations and relations”.¹¹⁷

Translation: *Lee Mitzman*

SELECT BIBLIOGRAPHY

*Charles Tilly: some important publications*¹¹⁸

- The Vendée* (Cambridge, MA, 1964).
History as Social Science (Englewood Cliffs, NJ, 1971). Co-edited with David S. Landes.
Strikes in France, 1830–1968 (Cambridge [etc.], 1974). Co-authored with Edward Shorter.
An Urban World (Boston, MA [etc.], 1974). Edited volume.
The Formation of National States in Western Europe (Princeton, NJ, 1975). Edited volume.
The Rebellious Century, 1830–1930 (Cambridge, MA, 1975). Co-authored with Louise Tilly and Richard Tilly.
Historical Studies of Changing Fertility (Princeton, NJ, 1978). Edited volume.
From Mobilization to Revolution (Reading, MA [etc.], 1978).
As Sociology Meets History (New York [etc.], 1981).
 “Flows of Capital and Forms of Industry in Europe, 1500–1900”, *Theory and Society*, 12 (1983), pp. 123–142.
Big Structures, Large Processes, Huge Comparisons (New York, 1985).
 “Retrieving European Lives”, in Olivier Zunz (ed.), *Reliving the Past: The Worlds of Social History* (Chapel Hill, NC, 1985), pp. 11–52.
The Contentious French (Cambridge, MA, 1986).
 “Inequality and Labor Processes”, in Neil J. Smelser (ed.), *Handbook of Sociology* (Thousand Oaks, CA [etc.], 1988), pp. 175–221. Co-authored with Mark Granovetter.
Coercion, Capital, and European States, AD 990–1990 (Oxford, 1990).
European Revolutions, 1492–1992 (Oxford, 1993).
Cities and the Rise of States in Europe A.D. 1000 to 1800 (Boulder, CO, 1994). Co-edited with Wim P. Blockmans.
Popular Contention in Great Britain, 1758–1834 (Cambridge, MA, 1995).
Citizenship, Identity and Social History. Supplement 3 of the *International Review of Social History*, 40 (1995). Edited volume.
 “Globalization Threatens Labor’s Rights”, *International Labor and Working Class History*, 47 (1995), pp. 1–23.
Roads from Past to Future (Lanham, MD, 1997). This volume includes reprints of “Migration in Modern European History” (1976); “Demographic Origins of the European Proletariat” (1984); and “War Making and State Making as Organized Crime” (1985).
Durable Inequality (Berkeley, CA [etc.], 1998).

117. Karl Marx, *Grundrisse. Foundations of the Critique of Political Economy* (rough draft), Martin Nicolaus (trans.) (Harmondsworth, 1973), p. 100.

118. An extensive bibliography up to March 2008 is available via <www.sociology.columbia.edu/pdf-files/tilly.pdf>.

- Work Under Capitalism* (Boulder, CO, 1998). Co-authored with Chris Tilly.
- Expanding Citizenship, Reconfiguring States* (Lanham, MD [etc.], 1999). Co-edited with Michael P. Hanagan.
- Dynamics of Contention* (Cambridge [etc.], 2001). Co-authored with Doug McAdam and Sidney Tarrow.
- Stories, Identities, and Political Change* (Lanham, MD [etc.], 2002).
- The Politics of Collective Violence* (Cambridge [etc.], 2003).
- Contention and Democracy in Europe, 1650–2000* (Cambridge [etc.], 2004).
- Social Movements, 1768–2004* (Boulder, CO, 2004).
- Trust and Rule* (Cambridge [etc.], 2005).
- Why?* (Princeton, NJ, 2006).
- Regimes and Repertoires* (Chicago, IL, 2006).
- Democracy* (Cambridge [etc.], 2007).
- Contentious Politics* (Boulder, CO, 2007). Co-authored with Sidney Tarrow.
- Credit and Blame* (Princeton, NJ, 2008).
- Explaining Social Processes* (Boulder, CO, 2008).
- Contentious Performances* (Cambridge, 2008).

Major critiques

- BAKKA, PÁL H., "Elements in a Theory of State-Building: An Inquiry into the Structural Preconditions for Successful State-Building in Europe", *Scandinavian Political Studies*, 19 (1996), pp. 293–308.
- BENIGER, JAMES R., "The Popular Symbolic Repertoire and Mass Communication", *Public Opinion Quarterly*, 47 (1983), pp. 479–484.
- BOGART, LEO, "Public Opinion and Collective Behavior", *Public Opinion Quarterly*, 47 (1983), pp. 484–489.
- CLARK, SAMUEL, "Amending the Whig Interpretation of Citizenship", *Contemporary Sociology*, 31 (2002), pp. 382–385.
- DIANI, MARIO, "The Relational Aspect in Charles Tilly's Recent (and not so Recent) Work", *Social Networks*, 29 (2007), pp. 316–323.
- DUPUY, R., "A propos de 'La Vendée' de Charles Tilly", *Annales Historiques de la Révolution Française*, 43 (1971), pp. 603–614.
- DURANT, CLAUDE and MICHELLE PERROT, [Débat], *Annales ESC*, New Series, 28 (1973), pp. 888–894.
- GOLDSTONE, JACK A., "Theories of Revolution: The Third Generation", *World Politics*, 32 (1980), pp. 425–453.
- HANAGAN, MICHAEL P., LESLIE PAGE MOCH, and WAYNE TE BRAKE (eds), *Challenging Authority. The Historical Study of Contentious Politics* (Minneapolis, MN, 1998).
- HAUPT, HEINZ-GERHARD, "Zur historischen Analyse von Gewalt", *Geschichte und Gesellschaft*, 3 (1977), pp. 236–256.
- HAUSEN, KARIN, "Schwierigkeiten mit dem 'sozialen Protest'. Kritische Anmerkungen zu einem historischen Forschungsansatz", *Geschichte und Gesellschaft*, 4 (1977), pp. 257–263.
- JUDD, TONY, "A Clown in Regal Purple: Social History and the Historians", *History Workshop Journal*, 7 (1979), pp. 66–94.
- KELLY, GEORGE A., "Review Essay: As Sociology Meets History", *History and Theory*, 22 (1983), pp. 207–221.

- KJELDSTADLI, KNUT, "Mechanisms, Processes, and Contexts", *International Review of Social History*, 49 (2004), pp. 104–114.
- KOOPMANS, RUUD and SOPHIE DE SCHAEFDRIJVER, "Mechanisms of State Formation and Collective Action: An Interview with Charles Tilly", *Amsterdams Socio-logisch Tijdschrift*, 20 (1993), pp. 43–73.
- LUCERO, JOSÉ ANTONIA, "On Feuds, Tumults, and Turns. Politics and Culture in Social Movement and Theory", *Comparative Politics*, 32 (1999–2000), pp. 231–249.
- MANN, PATRICE, "L'Etat, l'action collective et l'histoire", *Revue Française de Sociologie*, 26 (1985), pp. 695–712.
- MANN, PATRICE, "Les insurrections paysannes de l'Ouest: Vendée et chouannerie", *Revue Française de Sociologie*, 30 (1989), pp. 587–600.
- MARGADANT, TED W., "Comparative Perspectives on Cities and States", *Journal of Urban History*, 25 (1998), pp. 130–143.
- MAZAUURIC, CLAUDE, "Vendée et chouannerie", *La Pensée*, 124 (November–December 1965), pp. 54–85.
- MITCHELL, HARVEY, "The Vendée and Counterrevolution: A Review Essay", *French Historical Studies*, 5 (1967–1968), pp. 405–429.
- PIVEN, FRANCES FOX and RICHARD A. CLOWARD, "Collective Protest: A Critique of Resource Mobilization Theory", *International Journal of Politics, Culture and Society*, 4 (1991), pp. 435–458. Reprinted in Stanford M. Lyman (ed.), *Social Movements: Critiques, Concepts, Case-Studies* (Houndmills, 1995), pp. 137–167.
- SCHURMAN, ANTON, "Mensen maken verschil", *Tijdschrift voor Sociale Geschiedenis*, 22 (1996), pp. 168–204.
- SEWELL, WILLIAM H., JR, "Collective Violence and Collective Loyalties in France: Why the French Revolution Made a Difference", *Politics and Society*, 18 (1990), pp. 527–552.
- SIMEON, DILIP, "A Unified Field Theory for Contention?", *International Review of Social History*, 49 (2004), pp. 115–121.
- SKOCPOL, THEDA, "Social History and Historical Sociology: Contrasts and Complementarities", *Social Science History*, 11 (1987), pp. 17–30.
- SMITH, ANTHONY D., "State-Making and Nation-Building". in John A. Hall (ed.), *States in History*, (Oxford [etc.]. 1989), pp. 228–263.
- STAVE, BRUCE M., "A Conversation with Charles Tilly: Urban History and Urban Sociology", *Journal of Urban History*, 24 (1998), pp. 184–225.
- STINCHCOMBE, ARTHUR L., "Tilly on the Past as a Sequence of Futures", in Charles Tilly, *Roads from Past to Future*, Lanham, MD, 1997), pp. 387–409.
- TARROW, SIDNEY, "The People's Two Rhythms: Charles Tilly and the Study of Contentious Politics", *Comparative Studies in Society and History*, 38 (1996), pp. 586–600.
- TARROW, SIDNEY, "Charles Tilly and the Practice of Contentious Politics", *Social Movement Studies*, 7 (2008), pp. 225–246.
- TAYLOR, LYNNE, "Food Riots Revisited", *Journal of Social History*, 30 (1996), pp. 483–496.
- TAYLOR, STAN, *Social Science and Revolutions* (London, 1984).
- VASUDEVAN, HARI, "Rethinking New Political History", *The Calcutta Historical Journal*, 18 (1996), pp. 171–185.
- WELSKOPP, THOMAS, "Crossing the Boundaries? Dynamics of Contention Viewed from the Angle of a Comparative Historian", *International Review of Social History*, 49 (2004), pp. 122–131.