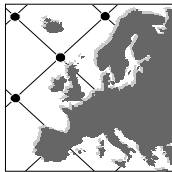


MANNHEIMER
ZENTRUM FÜR
EUROPÄISCHE
SOZIALFORSCHUNG



**When Institutions Matter:
Union Growth and Decline in Western Europe,
1950-95**

Bernhard Ebbinghaus and Jelle Visser

Arbeitsbereich I/ Nr. 30
Mannheim 1998

ISSN 0948-0072

Arbeitspapiere

Working papers

Bernhard Ebbinghaus and Jelle Visser

**When Institutions Matter: Union Growth and Decline in
Western Europe, 1950-95**

Bernhard Ebbinghaus and Jelle Visser:

**When Institutions Matter: Union Growth and Decline in Western Europe,
1950-95**

Mannheimer Zentrum für Europäische Sozialforschung (MZES).

Mannheim, 1998.

(Arbeitspapiere Arbeitsbereich I/ 30)

ISSN 0948-0072

Deckblattlayout: Uwe Freund
Nicht im Buchhandel erhältlich
Schutzgebühr: DM 5,--

Bezug: Mannheimer Zentrum für Europäische Sozialforschung (MZES), Postfach, 68131 Mannheim

Editorial note:

Bernhard Ebbinghaus is Senior Researcher at the Max Planck Institute for the Study of Societies, Cologne, Germany, since 1996. He previously taught sociology at the University of Mannheim and was a researcher at the Mannheim Centre for European Social Research where he conducted a international research project in co-operation with Jelle Visser. He received a Ph.D. from the European University Institute in Florence in 1993 for his thesis Labour Unity in Union Diversity: Trade Unions and Social Cleavages in Western Europe, 1890-1989.

Jelle Visser is Professor of empirical Sociology at the University of Amsterdam, The Netherlands. He is since 1996 Visiting Professor at the Max Planck Institute for the Study of Societies, Cologne, and has been visiting researcher at the Mannheim Centre for European Social Research. He is author of European Trade Unions in Figure (Kluwer, 1989) and In Search of Inclusive Unionism (Kluwer, 1990), as well as co-author of De vakbeweging na de welvaartsstaat (with P.G. Klandermans, van Gorcum, 1995), Industrial Relations in Europe (with J. van Ruysseveldt, Sage, 1996) and 'A Dutch Miracle'. Job Growth, Welfare Reform and Corporatism in the Netherlands' (with A.C. Hemerijck, Amsterdam University Press, 1997).

Abstract

During the early post-war period, Western trade union movements grew in membership and achieved an institutionalized role in industrial relations and politics. However, during the last decades, many trade unions have seen their membership decline as they came increasingly under pressures due to the social, economic and political changes. This article reviews the main structural, cyclical and institutional factors explaining union growth and decline. Concentrating on Western Europe, the empirical analysis compares cross-national union density data for 13 countries over the first period (1950-75) and for 16 countries over the second, „crisis“ period (1975-95). The quantitative correlation and regression analysis indicates that structural and cyclical factors fail explain the level and changes in unionization across Western Europe, while institutional variables fare better. In a second, qualitative comparative analysis, the authors stress the need to explain cross-national differences in the level or trend of unionization by a set of institutional arrangements: the access of unions to representation in the workplace, the availability of a selective incentive in the form of a union-administered unemployment scheme, recognition of employers through nation-wide and sectoral corporatist institutions, and closed shop arrangements for forced membership. Such institutional configurations support membership recruitment and membership retention, and define the conditions for the strategic choice of trade unions in responding to structural social-economic, political and cultural changes.

Acknowledgement

The data was collected as part of the international research project „The Development of Trade Unions in Western Europe“ at the Mannheim Centre for European Social Research (DUES Database). We thank Christian Dufour, Michael Shalev, Franz Traxler, Bruce Western and the members of the Network for Trade Union Research of the European Trade Union Institute in Brussels for comments on the earlier versions of this paper.

Contents

Introduction	1
Cross-National Divergence in Unionization Patterns	2
Main Causes of Union Growth and Decline.....	5
Business cycles	5
Political cycles	7
Changing social structure.....	8
The welfare role of unions	11
The role of unions at the workplace.....	12
Union recognition or opposition by employers.....	14
Data and Research Design.....	15
Quantitative Comparative Analysis	18
Qualitative Comparative Analysis.....	21
Conclusions.....	27
References.....	28

Introduction

„In a more highly competitive industrial world where the technology is potentially nearly identical, where physical resources are distributed in world-wide markets, and where industrialism has left much the same imprint on many societies, what once may have seemed like small differences may have big results” (Kerr, 1983). For the doyen of American modernization theory, industrial relations are one of these small differences that bear large consequences. Instead of convergence, European industrial relations display „persistent diversity“ (Crouch, 1993). While trade unions face globally similar economic pressures and social changes, they respond in different ways (Boyer, 1995). National patterns of unionization have diverged across Europe since the early 1970s. Although many union movements became weaker, some were capable of maintaining their membership levels (Visser, 1991).

A study of the patterns of unionization—of the success and failure of trade union movements to mobilize and organize workers—is important for many reasons. Membership is a prime measure of the power base of interest organizations and an indicator of the capacity for collective action of workers (Korpi, 1983; Shorter and Tilly, 1974). Union density—membership as proportion of all wage and salary earners—is the most readily available indicator for measuring the strength of a union movement in a given industry or country (Visser, 1992). Over time it offers a picture of the changes in power relations between unions and employers, and of the direction in which labour relations are moving. Across countries and industries it is a first, though incomplete measure of relative strength, to be completed by other measures such as centralisation, political unity, organizational concentration, access to government, legal protection, and patterns of worker militancy (Visser, 1992). Union density is commonly used by employers and governments as a yardstick for judging claims of representation, and by economists as a measure of the impact of trade unions on labour markets and national politics (Freeman, 1994; Hartog and Theeuwes, 1993; Przeworski and Sprague, 1986). Moreover, union membership tends to correlate with workplace democracy. Workers in unionized workplaces receive more information of their employers and have more opportunities to influence their working lives than workers in non-unionized workplaces (Freeman and Medoff, 1984; Millward *et al.*, 1992).

Ever since the rise of the union movement, conflicting theories of union growth and decline have been proposed. We distinguish three approaches: cyclical, structural, and configurational (or institutional) explanations. The *cyclical* approach was most prominently advanced by John R. Commons and his associates in the „History of Labor in the United States“ (1918). They saw a regular pattern of „ups and downs“ in the union movement that followed the alternations of economic prosperity and depression. Thereafter, business cycle theory has been applied in innumerable studies that used ever more sophisticated methods and included besides economic factors also political variables (for an overview, Fiorito and Greer 1982). The *structural* approach assumes that union growth and decline reflect long-term changes in economy, society, and politics. In this view, union decline results from changing class structures, new modes of production, flexible labour markets, or a spread of individualist social values. Union growth trajectories are expected to resemble more a long-term „parabola“ of growth and decline

than fluctuating economic and political cycles. Union movements grew in the first, ascending phase with the rise of large industrial conglomerates, the institutionalization of collective employment relations and the expansion of social citizenship rights. In the descending phase, with the coming of „post-industrial“ society (Bell, 1973), the previous trend became reversed.

Cyclical and structural approaches both share similar shortcomings, not to speak of the contradicting predictions they offer. They cannot explain cross-national diversity across Western industrial societies, since both theories tend to ignore national characteristics. Usually, when econometric models are applied to national cases, it is assumed that modern capitalist economies are affected in similar ways. Remaining observable differences are then dealt with by the *ad hoc* introduction of additional variables or time lags (see, for instance, Bain and Elsheikh, 1976). Structural explanations hold that national differences become less pronounced with „modernization“, though the path and speed of convergence may vary across countries (Kerr *et al*, 1960). The observed divergence in patterns of industrial relations, union organization and industrial conflict is interpreted as an exception to convergence rather than as a challenge to the assumption of a universalistic logic (Kaelble, 1987; Kerr, 1983).

In contrast to cyclical and structural approaches, *configurational* approaches emphasize cross-national variation and historical contingency. In this article, we highlight the importance of institutional configurations in mediating the impact of cyclical and structural changes. Even if all industrial relations systems were under similar global pressures, we expect different national responses given the variations in social institutions. When „diverse systems encounter common challenges, the consequence is more likely to be a revised diversity than a convergence“ (Crouch, 1996: 358). In our view, institutional differences „structure the alternatives“; they set the constraints and options for corporate actors like trade union organizations, firms or employers' associations in choosing their responses. Since the nation-state can still be considered the most tenacious institutional domain within which collective action and public policy making takes place (Scharpf, 1991), we concentrate on cross-national variations.

Cross-National Divergence in Unionization Patterns

Post-war union development in Western Europe has been shaped by the „institutionalization“ of class conflict in modern capitalist societies (Dahrendorf, 1959). In most of Western Europe, trade unions became mature mass-organizations and gained organizational stability through recognition by the state and employers (Briefs, 1952). Once the post-war reconstruction problems were overcome, most welfare states steered towards „full employment“ and enjoyed during the first two post-war decades economic growth and stability, from which also trade unions profited. Different to the inter-war years, union membership in Western Europe oscillated around a general trend without large up and downs (Visser, 1986). The main exceptions were Italy and France, where unions reached high membership levels at the end of World War II due to political mobilization, but declined after the fall of the post-war Left-Centre coalitions and the revival of sharp inter-union rivalry during the Cold War. Until the mid-

1970s, trade unions in Spain, Portugal and during many years in Greece were politically suppressed and are thus excluded from our analysis of the first period.

In the post-war period, social scientists like Daniel Bell predicted a bleak future for Western unions due to the growth of non-industrial employment and the unions' inability to recruit members outside their past strongholds—the male blue-collar industrial working class (Bell, 1953). Collective organization seemed an unattractive choice for most white-collar employees; therefore trade unionism had grown to its limits with increasing tertiarization (Bain, 1970; Sturmthal, 1966). Unionization also proved to be difficult among female employees, especially when they held unstable or part-time jobs (Cook *et al.*, 1984). However, with the „resurgence of class conflict“ (Crouch and Pizzorno, 1978), the wave of social protest and worker militancy in the late 1960s, unions began to make new inroads into these previously ill-organized social groups, especially in the expanding public service sector where white-collar, female, and often part-time employment became widespread. In most European democracies union movements gained from this new mobilization wave. The Finnish and Italian unions enjoyed spectacular post-1968 growth after partially successful attempts to re-unite the politically fragmented union movements, though „unity of action“ remained without such success in France. The years until the late 1970s were prosperous for the Scandinavian, German, British, Irish, Belgian, and Dutch unions.

The 1980s undid most of the gains of the previous decade. In 1990, overall union density in Western Europe stood at 34% (weighted average), compared to 40% a decade earlier. This decline is mainly due to the larger countries. Scandinavian unions, in particular in Sweden, Finland and Denmark, continued to grow, albeit at a slower pace. Norwegian unions made small gains and Belgian unions maintained their position; Dutch and Irish unions made big losses in the 1980s but recovered somewhat in the 1990s. Austrian and Swiss union membership continued their downward path, slowly but surely. Among the larger European countries, West Germany presented a model of union stability until unification in 1989. By the end of the 1980s union density had slipped 3 or 4 points from its peak of 37% in 1981. Unification with the former GDR boosted aggregate membership with 45%, but massive losses have brought union density back to 32% in 1993 (41% in the East and 29% in the West).

The sharpest fall in unionization took place in Britain. Since 1979, British unions have lost over 5 million members and union density dropped from 51% in 1979 to 33% in 1995, the largest and longest decline in this century. In France, aggregate membership was cut by half and union density fell from just over 20% in the late 1970s to below 10% in the 1990s. The three Italian major federations maintained their membership levels of the 1970s but only due to retired workers (now 45% of all members). Union density peaked at 49% in 1980, but fell to 39% in 1995.¹ Spanish unions were unable to main-

¹ The decline was probably less and union density higher (44%) if the membership of the many 'autonomous' unions, which is not well documented, are taken into account (Visser 1989; Carrieri 1997).

tain mass mobilization during the transition to democracy following Franco's death. Union density fell to 10% in the early 1980s but in the 1990s the tide turned and density was around 20% in 1995 (Jordana, 1996; van de Meer, 1997). Portuguese unions have been unable to keep the high membership levels which were produced under 'compulsory' affiliation during the Salazar dictatorship. Cerdeira (1997) indicates that union density in the mid-1990s might have stood at 30%, 14 percentage points less than in the mid 1980s; an other assessment confirms the decline and estimate a density rate of around 25% (Stolaroff, 1997). According to Kritsantonis (1997), Greek unions lost a quarter of their membership since 1989, when density was estimated at around 30%. Current union density is 25% or lower.

Table 1. Union „growth“ and „decline“ periods, development of union density in Western Europe 1950-95

Trajectory	Period of „growth“ (1950-75)	Period of „decline“ (1975-95)
growth (> 10%)	Sweden, Denmark, Norway, Ireland, Britain, Belgium,	Sweden, Finland, Denmark
stagnation (+10% to -10%)	Austria, West Germany, Netherlands	Norway, Belgium, (West Germany)
decline (< -10%)	Switzerland	Britain, France, Italy, Ireland, Austria, Germany, Netherlands, Switzerland, Greece
waves	Finland, France, Italy	Portugal, Spain

Looking at the overall trends (Table 1), one can detect different trajectories. Few union movements stand out by showing continuous growth: Swedish, Finish, and Danish unions enjoy this feat. Norwegian and Belgian unions grew in the first period, but more or less stagnated in the second. In Ireland and in particular in Britain there was a sharp turnaround in fortune between the two periods. In continental Europe—Austria, Germany, the Netherlands, and Switzerland—unions have suffered long-term stagnation and decline. Unions in the Southern group have displayed a wave-like pattern in Italy and France in the first, and in Portugal and Spain in the second period. In none of the five Southern European countries have unions been able to defend the level of union organization of the mid 1970s. Thus we can detected at least four trajectories contributing to divergence in unionization trends during the second half of the twentieth century: (1) continuous growth; (2) long-term stagnation; (3) waves and (4) a turn around followed by long-term decline. A look at these trajectories should convince students of unionization that the important phenomena to be explained are not short-term (year-to-year) fluctuations, which are relatively small and highly susceptible to measurement error, but the long-term trends and cumulative effects of growth and decline.

Main Causes of Union Growth and Decline

Various explanations have been advanced for union growth and decline and for cross-national variations in unionization patterns. They fall, by and large, within one of three approaches: cyclical, structural or configurational explanations.

(i) cyclical factors (politico-economic changes):

- the business cycle—the impact of unemployment and inflation on unionization: while high unemployment hampers, price inflation fosters union growth according to neo-classical theory;
- the political cycle—the electoral success of the pro-union left or the anti-union right, and the dominant policies steering the economy: Keynesian vs. neo-liberal macro-economic policies;

(ii) structural factors (social change):

- changes in the social structure—the formation of the working class vs. de-industrialization, the decline of manual workforce, the rise of white-collar and service work, increased female labour force participation, and the revival of small-sized firms;
- changes in social values—collectivist working-class orientations vs. the individualization of life styles and the diffusion of post-materialist values;

(iii) configurational factors (institutional context):

- the welfare functions of unions—the selective incentives of welfare services by unions vs. their substitution by public schemes or non-union institutions;
- the role of unions at the workplace—the traditional or statutory access and influence of unions (or worker representatives) at the workplace.
- employer strategies—union recognition or opposition by employers, the spread of centralized bargaining vs. recent decentralization due to international competition.

Business cycles

Unemployment is often seen as a major constraint on union growth and bargaining power. The long-term unemployed usually quit their union, even when unions offer lower subscription rates. According to business cycle theory, unemployment raises the costs and lowers the benefits of union membership for workers; membership becomes relatively more costly and unions can achieve less. Moreover, unemployment tends to make recruitment more expensive for unions since it raises the capacity of employers to resist union organizing and increases fear among workers to demonstrate solidarity. Since the mid 1970s trade unions faced a more adverse economic climate in Western Europe—unemployment climbed to higher levels after each recession. On average, the job-less rate in Western Europe doubled from 1970 to 1985, reaching 7.5% and climbing to 11% in 1995, with large cross-national variations. In econometric models—using aggregate unemployment and union density rates—unemployment turns out to be an unstable and rather weak predictor of membership growth or decline (Bain

and Elsheikh, 1976; Booth, 1983; Roche and Larragy, 1990). Pedersen (1982) found a positive relationship between rising unemployment and membership growth in inter-war Denmark which he attributed to the role of unions in providing unemployment benefits. Similarly, van den Berg (1995) showed that the impact of unemployment changed with the shift from union to state controlled unemployment insurance in the Netherlands around 1940. In cross-sectional studies a positive relationship between the rise in unemployment and union decline was found (Armingeon, 1988; Visser, 1990), but only for some time periods and after the introduction of institutional variables into the regression models.

Consumer price inflation is expected to raise the appetite for union membership. Workers are supposed to seek collective defence against decreasing living standards (Davis, 1941; Bain and Elsheikh, 1976). In an inflationary climate new groups of workers, for instance white-collar staff, seek defence in collective associations of their own, or turn to collective bargaining, in order to maintain their relative position compared to what better organized workers can get (Flanagan *et al.*, 1983). Moreover, in times of high inflation and supine monetary policy, „employers may be more prepared to concede to worker demands partly because increases in labour costs can be passed on more easily to customers (Bain and Elsheikh, 1976: 62-3)“. However, a free-rider problem arises when unorganized workers receive the same wages as union members, as is common under *erga omnes* contracts and multi-employer bargaining in continental Europe (Traxler, 1994). Hence, when wage rises are a quasi-public good which can not be withheld from non-members (Chaison and Dhavale, 1992), inflation may not help unions to attract members (Richardson, 1978: 103).

We may expect a positive relation between inflation and membership growth in combination with increased inter-group conflict, in which different groups of workers (of different companies, status groups, regions, or industries) engage in a race to keep their relative position, while governments are unable to negotiate wage restraint and unwilling to use a monetary brake. This may explain why inflation was more consistently correlated with union growth in countries with adversarial and pluralistic industrial relations, as in the Anglo-Saxon countries, at least until the victory of monetarism. The studies of Ashenfelter and Pencavel (1969) for the US, of Bain and Elsheikh (1976) for Great Britain, Australia, and the US, and Booth (1983) for the UK found a correlation between price inflation, wage growth and union membership. *Nota bene* that Bain and Elsheikh (1976) were unable to find a similar correlation for Sweden. Typically, and indicative of their historical contingency, the observations examined in these time series analyses ended before the mid-1970s.

Schnabel (1989), who considered the period 1955-1986 in Germany, found a positive association between money wages and union growth, but conceded that the causal direction may run from union growth to wage increases. Roche and Larragy (1990) analyzed the period 1940-1986 in the Irish Republic and found, contrary to the Bain-Elsheikh model for Britain, a „highly significant“ negative association between price inflation and union growth, and no association with wage increases. A possible explanation is that in the Irish case inflation rarely occurred in times of prosperity or low unemployment. The authors point to the institutional effect of national wage and incomes policies, which tend to lower the annual rate of changes in prices and wages but raise the public standing of unions and per-

haps increase their attractiveness to some groups of unorganized workers. In contrast to pre-war developments, when sectoral bargaining and national wage policies were exceptional, van den Berg (1995) found only a very small effect of real wage growth on union membership between 1946 and 1993 in the Netherlands. Possible 'threat' and 'credit' effects on account of inflation or union wage defence are weakened by the use of price escalators and the application of union-negotiated wages to non-union members in the Netherlands; bargaining coverage has risen to 80% in 1995, whereas union membership is less than 30% (Visser, 1998a). Finally, in a cross-sectional study of 16 OECD countries (1970-88), Freeman (1990) found a positive correlation between average price increases and union membership growth, but the explained variance (.22) was low.

Political cycles

Carruth and Disney (1988) show that economics cannot alone explain the sharp downturn in British unionization after 1979, though unemployment and strong real wage growth are part of the story—a combination that was not anticipated by Bain and Elsheikh (1976). Monetarism seemed to have changed the underlying dynamic. There were also changes that made union organizing and strike mobilization more difficult. Comparing British and Irish union development in the 1980s, union decline in Britain was more pronounced and „can be attributed to a significant degree to the changing legal context of industrial relations (Freeman and Pelletier, 1990: 156)“. Conversely, British union growth in the 1970s had benefited from union recognition by the Heath and Wilson governments, while inflation remained unchecked (Bain and Price, 1983).

Also outside Britain there was a general shift towards monetarism and neo-liberalism in the 1980s, affecting Right- and Left-dominated governments (the latter in France, Sweden, Austria, and, to a lesser degree, Italy). Socialist and Labour Parties, all over Europe, have redefined their relations with the unions and tend to distance themselves from the unions in an attempt to attract the middle-class electorate. Yet, outside Britain there were hardly changes in the rules of the game making union organizing or mobilization of workers more difficult (Baglioni and Crouch, 1990; Ferner and Hyman, 1992, 1997; Van Ruysseveldt and Visser, 1996).²

In 1982 the *Wende* from a Social Democratic to an Christian-Democratic dominated government in West Germany did not lead to major changes in union or works council legislation. Possibly, the influence of the labour wing within the ruling Christian Democratic party helped to ensure continuity. Moreover, German federalism and sticky institutional arrangements, make sharp U-turns in political or legal conditions unlikely (Katzenstein, 1987); even the major shock of re-unification did not upset the

institutional fabric of German industrial relations (Van Ruysseveld and Visser, 1996). Similar arguments apply to countries with consociational democracies and/or neo-corporatist industrial relations: Austria, Belgium, the Netherlands, Switzerland, and the Scandinavian countries (Armingeon, 1994; Crouch, 1993; Katzenstein, 1985; Visser and Hemerijck, 1997). In conclusion, the political cycle does not constitute a universal monolinear relationship between Left party strength and union growth, but is more complex and contingent, or has changed in recent decades. Not all Left governments encourage unions or provide a union-friendly environment (e.g. Spain after 1982; France after 1988), and not all conservative governments pursue anti-union policies. Some conservative governments (Sweden in 1991 and Italy in 1994 during the short-lived Berlusconi government) may have wanted to imitate Mrs. Thatcher's anti-union policies, but found themselves blocked by internal weakness and strong unions; others, faced with less formidable unions (the Netherlands in 1982, or France in 1986), kept their relations with the unions in good repair.

Besides direct political and legal changes affecting the opportunities for workers to join unions, employer recognition and union recruitment efforts, there is a more indirect impact of politics on union activity (Hall, 1986). Neo-corporatist income regulation and Keynesian full employment policies had provided a favourable political economy for union movements in a number of Western European countries until the mid-1970s. Corporatist institutions tended to promote the status of unions and enhance the stability of their organization whatever government was in power. They shielded trade unions against large and sudden up- or downswings in open economies by assuring organized labour's role within the system. Indeed, membership fluctuations were significantly smaller in neo-corporatist countries (Visser, 1986). In our comparative analysis, we will therefore not only consider the political cycle as measured by Left government incumbency but also take account of neo-corporatism as an mediating factor of the relationships between capital and labour.

Changing social structure

Modernization theories argue that the transition from an industrial to a service economy erodes the basis for union organization. The major structural changes that in previous decades worked in favour of trade unions—decline of agriculture and traditional household services; expanding public employment, increased bureaucratization in industry and services—are now reversed, given current trends of privatization, down-sizing and outsourcing.

The composition of labour markets has changed dramatically in Western Europe (Table 2). The entire employment growth was due to increased female participation; women's share among wage earners

² Arguably, in the case of France legal changes in 1982 should have benefited unions, but they appear to have had an opposite effect by exposing the political divisions between the unions and the deficiencies in union services (Goetschy and Rozenblatt 1992; Segrestin 1990).

rose to 43% in 1992 and there are now less male wage earners than two decades ago. Decline has hit industry (mining, manufacturing and construction) and led to a sharp fall in employment of manual workers who became a minority in Europe's labour force. In 1970 half of all wage earners found work in industry; in 1992 industry's share is equal to that of social and personal services. If the strong growth of the past 25 years (144%) continues, commercial and financial services will soon make up for the other third. We observe, finally, that the share of public or collective (i.e. subsidized) employment (mostly in social and personal services) has risen over the entire period from less than a quarter to one-third. Most of this growth occurred in the 1970s and the expansion of public sector employment has stopped or has been reversed in the past decade.

Table 2. Western Europe: Labour market change and union density, 1970-92

	Share in dependent employment			Union density (in %)		
	1970 (=100%)	1992 (=100%)	rel. +/-	1970	1992	abs. +/-
Total*	91,000*	101,000*	11	38	34	-4
Men	66	57	-5	44	37	-7
Women	34	43	41	25	30	5
Industry	49	32	-24	42	40	-2
Transport	7	7	12	68	63	-5
Commerce and finance	12	26	142	18	15	-3
Social and personal services	26	32	44	36	35	-1
Manual	58	40	-24	40	41	1
Non-manual	42	60	60	34	29	-5
Market	78	67	-4	33	25	-8
Collective or public	22	33	66	52	51	-1

* wage and salary earners in employment, in thousands. All figures are based on the weighted sum of ten countries: Austria, Belgium, Denmark, West-Germany, France, Italy, the Netherlands, Norway, Sweden, Great Britain.

Sources: Employment data are from the OECD Labour Force Statistics, various years; and from Visser (1989). Union density rates are calculated on the basis of data from the DUES database.

Judging by the union density rates in Table 2, it appears that employment shifts have had a negative effect on overall union growth. Employment decline reduced the highly organized population, i.e. the male, manual workers in industry, while employment growth has occurred in sectors and among groups where unions were not well-established. The only exception to this rule is the expansion of the public service sector which, due to its much higher density rate, has boosted union membership, at least until the halt to public service sector growth of the 1980s. The last column of Table 2 shows that union decline affected in the past two decades all but one group: women. Hence, we can infer that the changing composition of Europe's labour markets cannot by itself explain union decline. In fact, a shift-share analysis, in which we simulate what might have happened if no change in the composition of the European labour market would have taken place, shows a 1.7 points higher average density rate in 1992 than the actual rate of 33.8. In other words, structural change accounts for about 40% (1.7 of 4.4 percentage points) of the measured decline in union density between 1970 and 1992.

In this comparative analysis we could only use very broadly defined sectors, because the data for separating the (declining) commercial sector from the (booming) business and financial sector were missing. Studies for countries or periods for which a more detailed sectoral classification, at the one-digit ISIC level, was possible, come up with similar estimates (Visser, 1991, Waddington., 1992). However, the analysis is restricted to *inter*-sectoral employment shifts and does not take into account *intra*-sectoral changes related to outsourcing, the revival of small firms, and flexible employment relations (Delsen, 1995). In the European Union, 15% of all employees (mainly women) work part-time, and 11% of all employment contracts are atypical. There are pronounced cross-national variations in the degree of part-time and atypical work, partly as a result of union action and partly resulting from government legislation.³ Data for Britain and the Netherlands show very clearly that union density rates are much lower in small firms, especially among micro-firms of less than 10 workers, among part-time workers, and among workers on flexible (or temporary) contracts (Visser, 1998b). This is due to a combination of the lower availability of an organizing union in workplaces with these characteristics and the lower attractiveness of any union for workers with these characteristics (Sinclair, 1995). Indicators other than membership, such as voting for union candidates in works council elections, participation in strikes, or opinions expressed in surveys all suggest a larger distance, factual and emotional, between unions and workers in unstable employment relations (Klandermans and Visser, 1995; Richards and García de Polavieja, 1997). British and Dutch labour force sample surveys indicate a strong correlation between union growth and job tenure; the longer people stay in the same firm, the higher their propensity to join a union. Finally and possibly related to the 'casualization' of the youth labour market, union membership among young people has fallen sharply over the past two decades (both as a proportion of total union membership and as a proportion of young workers). Overall, union membership is ageing and around 20% of all union members in Western Europe are not gainfully employed. Retired workers make up about half of this group (Visser, 1991).

Even if *intra*-sectoral change would pick up the unaccounted 60% of the fall in union density it does not provide us with a satisfactory explanation about how and why the decline occurred, and when and where it happened. The decline of industrial employment began in many countries before the drop in union membership. Moreover, since structural changes in labour markets are quite similar across countries, they are an unlikely explanation for the observed cross-national divergence in union growth (see Figure 1). Furthermore, such an explanation raises an issue of causality. It may well be that the weakening of unions in for instance Britain, Spain or the Netherlands explains the sharp rise in employment in small firms or part-time work which then leads to a further weakening of the base for union organizing (see Richards and García de Polavieja, 1997). Unexplained is, also, the fact that in some

³ The Netherlands is leading in part-time work (36% of all jobs in 1996), followed by Scandinavia and Britain; Spain leads in atypical employment (one-third of all employment contracts in 1995), followed by Sweden, Denmark, the Netherlands, Britain and France (around 10%). In Greece, Italy, Ireland and Portugal, flexible work is more common in the small firm sector and in agriculture, and more people are self-employed.

countries (for instance in Spain, Ireland and the Netherlands) union fortunes appeared to have turned in the 1990s despite a continuation of the same structural trends. This, evidently, points to a role for union strategy, a role which is obscured in structuralist (and business cycle) explanations. To sum up, structural change is a likely suspect in any judgement on union decline, but best conceptualized as a background pressure, the true impact of which can only be established in multivariate analysis.

At this point it would be useful to consider changes in social values and expectations of workers towards unions. Such changes, in conjunction with the aforementioned changes in the labour market and the possible diffusion of "post-materialist" values and "individualist" life styles (Inglehart, 1977; Lipset, 1986), are obvious candidates in an explanation of union decline. Single country studies in which workers who entered the labour market thirty years ago are compared with younger age cohorts lead us to be more prudent on this point (see Klandermans and Visser, 1995), but the lack of data and comparable indicators across time and countries force us not to pursue this argument here.

The welfare role of unions

Historically, unions have provided many welfare functions through self-help. With the rise of the welfare state these functions have increasingly been replaced by compulsory public schemes (Flora, 1986; de Swaan, 1988). The question arises whether workers still need trade unions when the welfare state provides for minimum wages, social insurance, dismissal rules, co-determination rights, health and safety at work. Van de Vall (1970) argued that in order to survive, trade unions would have to invent new tasks focusing on individual assistance and conflict insurance in the workplace. In cross-national research, however, there seems to be a positive correlation between social expenditure and union density (Hicks, 1988), though causality may in fact run the other way round: union movements have promoted welfare state growth and profited from its expansion in the past, in particular from redistributive social security, full employment policies and public sector growth (Esping-Andersen, 1990).

Not always did the expanding welfare state make the older, voluntary arrangements redundant. In some countries, union-led welfare schemes modelled on the „Ghent system“ survived, and thus provided workers with a selective incentive to join unions or remain member when loosing their jobs (Griffin *et al.*, 1991; Olsen, 1965; Rothstein, 1992; Western, 1993). State unemployment schemes were made mandatory for workers at a relatively early stage in Britain (1911), Austria (1920), and Germany (1927), and somewhat later in Norway (1938) and the Netherlands (under German occupation in 1940), while the mutual schemes in France and Switzerland never grew to such importance for trade unions (Flora, 1986). Italy, Spain, Portugal and Greece failed to achieve a comprehensive nation-wide safety net for the unemployed (Ferrara, 1996). The Ghent-system is still operating in Sweden, Denmark, and Finland, but in the Finnish case state subsidies were introduced only as late as in the

1960s. In Denmark, the unemployment funds administer also the early retirement schemes that became widespread during the period of high unemployment (Scheuer, 1992). In Belgium, unemployment insurance became state-controlled after the war but unions still play a role in administering the unemployment (and early retirement) benefits and receive state subsidies for their services.⁴ Although union membership is not required by law under the current Ghent systems in Scandinavia or Belgium, many employees perceive a close connection and this may explain why membership grows when unemployment increases. In contrast to other countries, unemployed workers tend to retain their membership in Belgian, Danish, Finnish and Swedish unions.

The role of unions at the workplace

Access to the workplace has become particularly important for unions with the disappearance of working-class neighbourhoods and the replacement of local dues collection by centralized administrative procedures (Streeck, 1981; Windolf and Haas, 1989). Thus union representation at the workplace has become the only direct means of contact between members and their union (except where unions administer social security or provide insurance). The workplace appears to be the main locus to recruit new members (“members recruit members”) and offer membership services (grievance handling). Protection and support in the workplace is often cited as the main instrumental reason for workers to join unions. This presupposes that unions are present and visible in the workplace and that they are recognized.

Union access to the workplace may be secured through collective agreements with employers or be based upon legislation. In the Scandinavian countries information and consultation rights are exclusively guaranteed through the union channel and to union members; the basic framework is provided through central agreements between unions and employers which, in the case of manual industrial workers, go back to the turn of the century. A similar system of “single” or “union channel” representation is typical in Britain and Ireland, but in both countries actual workplace representation and related information and consultation rights have received less support by the law. Compared to Scandinavia union workplace representation is less widespread and more susceptible to the ups and downs in the power and prestige of unions, and the militancy of workers.

⁴ Similar arrangements may exist in the non-Ghent countries in particular industries. Cases in point are agriculture in Italy or construction in the Netherlands; in these industries union density rates are double the national average. In Italy, the placement of workers in the “cassa integrazione”, a system through which laid-off workers retain their employment relation, and have the right to be “called back” when work is available, has similar incentive effects. Private insurances, like health insurance and supplementary pensions, can serve similar functions. The union-provision of such goods are cited as part of the explanation why, for example, in Por-

In Austria, Germany, and belatedly and to a lesser extent in Netherlands, union access to the workplace developed, if at all, in the context of the legislation on works councils offering a “second” or “non-union” based channel for worker representation and consultation in firms. In these countries the works council functions sometimes as a workplace union. Union-dominated councils may help sustain organizing efforts of the unions, but non-union dominated councils may instead offer a cheaper alternative to workers who seek representation than union membership (Rogers and Streeck, 1995). Statutory rights for unions to elect or appoint union workplace representatives exist in France (since 1968), Italy (1970), and Belgium (1972, formalizing an agreement of 1946). This brings the Belgian and Italian situation close to the Scandinavian one, albeit with a more limited application in Italy. In France the actual coverage of union representation is limited and the competition with other non-union based forms of staff representation and works councils, combined with the competition between unions, has prevented the emergence of effective union workplace representation. In Spain, Portugal and Greece, recognition rights for unions and consultation rights for workers have been introduced after the return to democracy in the mid-1970s, but in each of these countries the coverage of these rights is de facto limited to the large firms and the public sector. As in Austria, Germany, the Netherlands, and France, workers may choose to show their support for unions through their vote for union candidates rather than through the more costly option of formal union membership.

In both mandatory and voluntary systems there are thresholds. As a rule, workplace access is more common in the public sector, in larger firms and among manual workers in industry, where union presence is oldest, collective bargaining has a long tradition and is in the case of sectoral bargaining often supplemented by company or worksite bargaining which gives union regulation and protection more “depth” (Clegg, 1976). Small firms are usually exempted from works council legislation and legislation is less well enforced. In the case of union rights which are obtained through voluntary agreement with employers, actual coverage of these rights vary greatly across countries and industries. Where nearly all workers appear to be covered in Sweden, this proportion sinks to 70% or less in Denmark, 50% in Switzerland and even less in Britain. In Italy, as in the other Southern European countries, the large small-firm sector, which accounts for 30-50% of all employment, is de facto excluded from representation rights.⁵

tugese banks union density reaches 95%, falling to 20% in retail and even lower in shopping centres or restaurants (Ambrosini, 1995)

⁵ In the Anglo-Irish tradition, unions have been able to conclude „closed shop“ agreements with employers which require all workers within a bargaining unit (or workplace) to join the union. This „union security“ expanded in postwar Britain, nearly 25% of employees were thus covered, but in the 1980s the practice has been made unenforceable. On the continent, closed shops are exceptional and in some countries even unconstitutional (Visser 1991).

Union recognition or opposition by employers

Today, previously sheltered and regulated markets as well as expansive social policies and institutionalized industrial relations from which unions once profited and gained strength, come increasingly under pressure from low-cost competitors and less regulated regimes. In a study of the US, Kochan *et al.* (1984) argue that these changes have provoked a strategic realignment of management-union relations. The authors take the anti-union strategy of employers for granted, since it is „deeply ingrained in American ideology“. In the US case it is also a „feasible“ strategy, given the absence or weakening of legal protection (for instance, against the replacement of strikers), the structure of company unionism and the weakness of the unions. This „strategic choice“ approach views the power relations and interdependencies between firm and unions as crucial.

Students of Western European industrial relations have observed that anti-union policies by employers are less forceful, less widespread and less uninhibited by law or public policy than in the US (Baglioni and Crouch, 1990; Locke *et al.*, 1995). Since employers in Europe, by and large, compete in the same markets and are subject to similar global pressures as do their American colleagues, institutional and political forces must intervene in favour of more co-operative industrial relations. Most European union movements have more institutional and political resources, as well as higher membership levels than labour unions in the US. In many European countries they are, moreover, embedded in a neo-corporatist system of regulation and representation; they ‘share public space’ (Crouch, 1993) and are granted nation-wide recognition. It has been argued that in the case of nation-wide, multi-employer bargaining individual employers have fewer incentives to de-recognize the unions or frustrate their organizing efforts (Blanchflower and Freeman, 1990); all employers face the same wage costs if they bargain together; and individual employers cannot expect to improve their position from moving to a non-union environment if the collective agreement will be made binding on unorganized employers by public law. This argument applies even more where unions and employers are locked into a ‘corporatist’ exchange relationship of mutual dependence. On the other hand, we know from the Dutch case that macro-level corporatism may grant unions influence over national policies but deny them access to the workplace. Moreover, by enhancing the institutional security of unions and their leaders, and by establishing a quasi-monopoly of union representation, corporatism intentionally diminishes the need for unions to proof their strength through mobilization and lowers the political and organizational incentives for union recruitment (Visser, 1986). Finally, by turning private agreement into public law and setting standards for members and non-members alike, corporatism tends to exacerbate the ‘free rider’ problem in union organizing, for which in some systems a financial compensation to unions as organizations is offered, making the union less dependent on its membership (see Streeck, 1981).

Data and Research Design

For exploring the variations in unionization patterns and trends from 1950 to 1995, we will undertake separate analyses for two periods: the post-war „maturation“ (1950-75) and the following „crisis“ (1975-95) years. We expect the context, causes and dynamics of the rise and decline in unionization to differ systematically, thus requiring separate modelling and testing for each period. While cross-sectional regression analysis helps detect common trends and causes, we doubt to find a general linear explanation for cross-national variation in unionization levels and trends that holds for both time periods. Instead, we expect to find cross-national diversity in unionization patterns as a result of the interaction of different institutional configurations and concurrent cyclical and structural factors. In order to discover these historical contingencies and nation-specific configurations under which unions organize more or less successfully, we will adopt the „qualitative-comparative analysis“ or QCA method (Griffin *et al*, 1991; Ragin, 1987).

At variance with studies that include all OECD countries, we confine our empirical analysis to Western Europe in order to maximize data comparability and limit diversity by a similar country design. Our argument that “institutions matter” is more convincing if demonstrated on a subset of countries which share many characteristics rather than when considering all advanced industrial nations. Our dependent variables are the levels and changes in union density, measured for the beginning and end of each time period (1950-1975; and 1975-1995). As indicator of unionization we calculated „net“ union density, excluding union members who are not gainfully employed or do not seek employment (pensioners, self-employed, conscripts or students). As an indicator for growth or decline, we calculated relative growth rates for each period (see Table 3a and 3b).

As an indicator of a pro-union political environment we have chosen the index of Left government incumbency, which reflects the strength and length of Social-Democratic or Labour Party participation in government coalitions (Merkel, 1993).⁶ Following the earlier discussion, we expect the strength of Left Parties to be of particular relevance for the first but not for the second period. For the period 1975-95, we have operationalized the existence of a „hostile“ or „friendly“ legal-political environment by estimating the impact of labour market deregulation: the growth of ill-protected atypical or part-time jobs and self-employment outside agriculture. We have also included some of the traditional business cycle indicators: the average unemployment rate and consumer price inflation over the two periods. Follow-

⁶ This is a composite indicator in which the presence of the Social Democratic, Left or Labour Party in the cabinet is scored on a scale from 5 (absolute majority) to 1 (junior participation) for each year and then averaged over the full period. In comparison with the alternative indicator of Walter Korpi (1983), which considers the electoral strength of the parties which make up Left governments, Merkel's measure tends to treat minority governments differently and give more points to Left parties, like Labour in Britain, which govern on their own when they govern.

ing business cycle theory, we expect rising unemployment to have a negative and increasing inflation a positive effect on union growth. In order to capture the effect of structural employment shifts, we take the share of industry in 1970 as an indicator of the impact of industrialization and the relative size of the traditional working-class (phase I), and the decline of industrial employment in the twenty years since 1975 as a yardstick for the degree of de-industrialization and transition towards a post-industrial economy (phase II). In addition, we take the share of the public sector as an indicator of the expansion of the welfare state from which we expect a positive effect on union membership growth during the first period. For the second period, however, we took the share of service employment in 1995 as an indicator for the emergence of a post-industrial society and post-Fordist labour market. Industrialization and welfare-state expansion are expected to promote unionization in phase I, whereas de-industrialization and flexibilization are thought to hamper union growth in phase II.

Table 3(a). Union density and independent variables (Phase I), Western Europe 1950-75

Country	Density (%) 1950	Density (%) 1975	Growth (%) 1950-75	Labour relations 1970	Soc. Dem. governm. 1950-73	Industry (%) 1970	Public sector (%) 1970	Unempl. (%) 1950-74	Inflation (%) 1950-73
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
North									
Sweden	66.7	74.5	+11.7	A,B,C	4.1	30.6	31.3	1.8	4.2
Finland	33.6	67.4	+100.6	A,b,c	1.7	33.2	20.1	1.9	6.3
Denmark	53.2	67.4	+26.7	A,B,C	2.8	28.2	34.1	2.8	5.6
Norway	47.9	52.7	+10.0	B,C	3.4	32.1	27.0	0.8	5.0
West									
Ireland	37.3	55.2	+48.0	b,D	0.1	30.0	26.2	5.6	5.9
Great Britain	39.7	48.3	+21.7	b,D	2.5	38.9	29.4	1.6	4.7
Center									
Belgium	36.9	51.9	+47.0	a,B,C	1.4	39.0	24.0	2.9	3.2
Austria	61.3	56.1	-8.5	b,C	2.2	38.6	38.4	2.8	4.9
Germany	36.4	36.6	+0.5	b,c	0.6	45.0	24.1	2.5	3.4
Switzerland	39.7	32.9	-17.1	c	0.8	41.2	10.5	0.3	3.8
Netherlands	*38.0	38.4	1.1	C	0.9	27.9	20.9	1.7	4.9
South									
Italy	45.4	47.2	+4.0	b	0.4	40.0	26.4	4.8	4.5
France	32.5	22.8	-29.8		0.6	34.4	23.6	1.5	5.2

Notes: (1)-(2): Union density of gainfully employed. (3): Growth rate in % of union density at begin of period. (4) Industrial relations (capital letter indicate strong influence, small letter minor impact): A / a = „Ghent“ (union-led) unemployment insurance; B / b = workplace access for unions; C / c = neo-corporatist institutionalization of unions; D / d = „closed shop“ tradition; (5) Government participation of Social-Democratic / Socialist party (index 0-5). (6) Share of industry (ISCO 2-4) in dependent employment. (7) Share of public sector in dependent employment. (8) Average unemployment rate. (9) Average inflation rate (Consumer price index). *1952, without EVC

Sources: (1)-(3): DUES database; (5): Merkel 1993: 88; (6): OECD: Labour Force Statistics 1970-90; (7)-(9): Merkel 1993.

Table 3(b). Union density and independent variables (Phase II), Western Europe 1975-95

Country	Density (%) 1975	Density (%) 1995	Growth (%) 1975-95	Labour relations ca. 1990	Non-farm independent 1990	Change in industry 1975-95	Part-time < 30 hrs. (%) 1995	Unempl. (%) 1975-95	Inflation (%) 1975-95
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
North									
Sweden	74.5	*91.1	+22.3	A,B,C	7.1	-29.3	17.2	3.2	7.7
Finland	67.4	79.3	+17.7	A,B,C	8.8	-23.5	7.4	7.2	7.2
Denmark	67.4	*80.1	+18.8	A,B,C	6.8	-14.0	14.5	7.9	6.2
Norway	52.7	57.7	+9.5	B,C	6.1	-29.7	20.9	3.3	6.8
West									
Ireland	55.2	*48.9	-11.4	b,c,d	12.8	-12.6	15.3	12.9	8.7
Great Britain	48.3	32.9	-31.9		12.4	-32.2	19.9	8.1	8.5
Center									
Belgium	51.9	51.9	0.0	a,B,C	14.3	-28.8	16.5	9.6	4.9
Austria	56.1	41.2	-26.6	b,C	6.7	-21.5	10.3	3.1	4.1
Germany	36.6	28.9	-21.0	b,c	8.0	-20.7	13.4	6.1	3.4
Switzerland	32.9	*22.5	-31.6	c	(9.0)	-29.4	22.7	1.2	3.3
Netherlands	38.4	25.6	-33.3	b,C	8.1	-35.2	24.7	7.9	3.7
South									
Italy	47.2	*39.9	-15.5	b,c	22.2	-16.6	11.1	9.6	10.5
Portugal	52.4	25.6	-51.1	c	15.9	-0.5	6.8	6.7	16.2
Spain	30.4	18.6	-38.8	b,c	17.5	-21.1	6.2	15.4	10.9
France	22.8	9.1	-60.0		9.1	-30.0	14.1	8.5	6.6
Greece	35.8	24.3	-32.1		27.2	(-20.5)	8.0	6.1	16.9

Notes: *1994, (1)-(4) and (8) and (9) see Table 3a; (5): Non-farm independent: share of self-employment in non-agricultural sector (SZ: estimated); (6) Relative decline in share of industry (ISCO 2-4) (GR: 1977-95); (7) Share of part-time worker in total employment.

Sources: (1-3): see Table 1; (5): OECD Job Study, 1994 Tab. 6.8 (6): OECD: Labour Force Statistics 1970-90; (7)-(9): OECD: Employment Outlook 1993-1997; OECD, Economic Outlook, December 1995.

Finally, we included four indicators of the institutional context of industrial relations: (A) the existence of union-led unemployment schemes (the Ghent system); (B) the institutionalized access of unions to the workplace; (C) the corporatist, inclusion of the unions in national or sector-wide consultation bodies with employers and the state; (D) the practices of enforced membership, in particular, the „closed shop“. We expect the union-led unemployment schemes to have a positive impact on union growth (Rothstein, 1992; Western, 1993, 1997). Access to the workplace allows unions to improve recruitment chances (Kjellberg, 1983; Hancké, 1993). We have coded this indicator on the basis of our prior discussion, distinguishing between „single“ and „dual channel“ countries, and weighting the strength of union rights with the degree of coverage (see: OECD, 1997; Rogers and Streeck, 1995; Traxler, 1994; and Visser, 1993 for the data). Corporatist arrangements secure nation-wide union recognition and create a favourable environment for union stability, but they are unlikely to create incentives for union growth. We have coded as highly corporatist systems the Scandinavian countries (with Finland as laggard) and the consociational democracies (Austria, Belgium, Netherlands), but not Switzerland which, like Germany, Italy and Ireland, takes a position in between (corporatist exchange has a more limited application and/or duration). Closed shop practices that used to be common in Great Britain and Ireland help to solve the free rider problem through coercion and thus provide an additional „union security“, promoting union membership in core sectors. We have coded the institutional variables according to two overlapping dichotomies; distinguishing for example between strong union workplace

representation (B), weak union workplace representation (b), and no representation. The same procedure was followed with respect to Ghent (A or a); corporatism (C or c), and closed shop arrangements (D or d). This allows us to test for a strong and a weak version of our hypotheses.

Quantitative Comparative Analysis

The correlation matrix of union density and selected indicators for the two time periods produces disappointing results for the cyclical and structural variables. For neither of the two periods do we find a significant cross-national correlation between economic or social structural variables (inflation, employment, industry share, change in industry, self-employment or part-time employment). The correlation matrix in Table 4a shows that values are much lower for these variables than for the political and institutional indicators. Confirming a major thesis of Korpi (1983), there exists a significant correlation ($r=0.66$) between the level of organization in 1975 and the participation of Social-Democratic or Labour Parties in post-war governments. Yet the causal relation, if it exists, may cut both ways: union strength promotes the chances of Left government participation, and Left government policies (before the 1980s) may have helped the unions. Also the expansion of the public sector, which is a result of welfare state politics, clearly works to the advantage of union membership growth in this first period ($r=0.53$), as Esping-Andersen (1990) and others have argued, but public sector growth may also be the result of strong unionism and partly of Left governments in power.

Table 4(a). Correlation matrix of union density in 1975 / 1995 and growth rates 1950-75 / 1975-95

Correlation (Phase I) 1950-1975	Density 1975	Growth rate 1950-75	Correlation (Phase II) 1975-1995	Density 1995	Growth rate 1975-95
Ghent system (A)	.7559	.5008	Ghent system (A)	.8446	.7349
Ghent system (A/a)	.7110	.6130	Ghent system (A/a)	.8202	.7676
Workplace access (B)	.5390	.1485	Workplace access (B)	.8547	.8677
Workplace access (B/b)	.6918	.5549	Workplace access (B/b)	.5608	.6486
Corporatism (C)	.4371	-.0553	Corporatism (C)	.7022	.6857
Corporatism (C/c)	.3151	.1155	Corporatism (C/c)	.4156	.4620
Closed shop (D)	.0492	.2393	Closed shop (D)	.0723	.0677
Social democracy	.6639	.0944	Non-farm independent	-.3769	-.3357
Industry share	-.4356	-.2611	Change in industry	.0184	-.0854
Public sector share	.5297	-.0201	Part-time	.0437	.1354
Unemployment	.2329	.2816	Unemployment	-.1998	-.1818
Inflation	.3288	.4223	Inflation	-.1705	-.2640
Density 1950	.6099	-.2120	Density 1975	.9298	.8135
Density 1975	—	.6359	Density 1995	—	.9512

Table 4(b). Regression analysis of union density in 1975 / 1990 and growth rates 1950-75 / 1975-90

	Union density		Growth rates	
	1975	1950-75		
Model:	(1)	(2)	(3)	(4)
Constant	29.1***	-5.68	41.2	48.6*
Ghent system (A)	18.4***			
Ghent system (a/A)		52.2***	44.8**	39.0*
Workplace access (B)				
Workplace access (b/B)	17.7***		33.7*	41.6*
Corporatism (C)	6.9*			
„Closed shop“		40.5*	19.1	
Density 1950		—	-1.5*	-1.7*
Density 1975	—	—	—	—
r ²	.8940***	.5618**	.7782***	.7461***

	Union density		Growth rates	
	1995	1975-95		
Model:	(5)	(6)	(7)	(8)
Constant	26.9***	-9.1	-41.3***	-63.3***
Ghent system (A)	28.7***	12.7**	14.8	
Ghent system (a/A)				
Workplace access (B)	27.9***	16.0***	29.2***	27.4***
Workplace access (b/B)			16.9**	13.7**
Corporatism (C)				
„Closed shop“	22.0**			
Density 1950	—	—	—	—
Density 1975	—	0.9***	—	0.6
r ²	.8936***	.9623***	.8620***	.8864***

Notes: (1)-(4): N=13, (5)-(8): N=16; level of significance: * <=0.1; ** <= 0.05; *** <=0.01; see also Table 3a and 3b.

Even higher correlation indices are found for two of the four institutional conditions: the existence of union-led unemployment schemes (A) and access of unions to the workplace, either in the strong or the weak version (B/b). Moreover, the high correlation between the level of organization at the beginning and end of the periods under consideration ($r=0.61$ between union density of 1950 and 1975; $r=0.93$ between 1975 and 1995) reinforces the claim that unionization is the result of institutionalization. Successful mobilization in the past is an important *acquis* for the future. The higher the level of organization in 1975, the smaller the decline during the “crisis” years ($r=0.81$). Note that this does not hold everywhere: Great Britain, for instance, presents a major exception. Indeed, the level of unionization and institutionalized industrial relations remain two distinct phenomena that need not move in the same direction. It is no coincidence that the exceptions (Britain in the second, Italy in the first period) are found in the countries with no capital „C“, that is, countries where experiments with corporatism were short-lived and unstable as well as largely conditional on the power of left-leaning governments (Regini, 1984).

These *prima facie* impressions, based on the correlation matrix, are confirmed through our second quantitative comparison, in which we apply OLS multivariate regression analysis (see Table 4b). All the business cycle or structural variables prove to be insignificant. They all „fall through“ the filter of a step-wise regression analysis (using a <0.15 significance level). The institutional variables, in particu-

lar the union-led unemployment schemes (A) and union access to the workplace (B), prove to be more important explanatory factors; they appear in all models and in both periods. The variation in union density at the end of the “maturation” phase, in 1975, can largely be explained by institutional differences; the level of unionization was highest in countries where union movements had (continued) their own unemployment schemes and had access to the workplace (model 1 in Table 4b). The explanation can be improved when a further institutional variable, i.e. the existence of corporatism (C), is added. Institutional factors, i.e. the Ghent system, a closed shop and/or workplace access, explain the cross-national variation in union growth in phase I (models 2, 3 and 4). The best model (4) explains 75% of the variation on the basis of three (significant) variables: Ghent, workplace access, and the “take-off” level of density. The (small) negative coefficient of the 1950 density rate indicates a small saturation effect; at higher levels of unionization it becomes more difficult to reach those who have not (yet) joined, e.g., employees in small firms, non-manual occupations, or non-standard jobs, or workers with strong ideological convictions against unions. Thus, a high initial level of unionization tends to have a stabilizing effect; it makes decline but also growth less likely (the “wave-like” unionization patterns in some Southern European countries, and Great Britain, present an exception to this rule).

For the „crisis“ phase we can explain a large part of the variation of union density at the end of the period by the same three institutional variables: union-led unemployment schemes, a closed shop, and union access to the workplace (model 5 and 6). However, the correlation between union density levels at the beginning and end of the period are now so strong that the models that integrate all three institutional factors are no longer significant within the same model (model 6). When we use this „institutional inertia model“, only Ghent and workplace access remain. The overall negative trend of union decline can be detected from the negative (but not significant) coefficient of the constant in these equations. The by far most important factor explaining the variation in union growth or decline during the “crisis” years appears to be whether or not, and to what degree, unions were recognized and present in the workplace. This is the only institutional factor which remains, in both its strong (B) and weak (b) variant, in our models (7 and 8). This is in line with the findings of Hancké (1993) for a smaller group of seven countries and should not surprise given the general trend towards company restructuring and decentralization of industrial relations in these years.

A regression analysis of only two points in time or across two time spans can be only the first step in a statistical test of different theoretical explanations. Our analysis is based on a small number of 13 (phase 1) to 16 (phase 2) cases.⁷ Furthermore, these „snapshot“ comparisons mainly apply summary

⁷ There are also problems of collinearity between our independent variables, in particular between the presence of a Ghent system and workplace representation ($r=.6389$ in the first, and $.7125$ in the second period), between workplace representation and corporatism ($r=.7201$ in the first, and $.7645$ in the second period), and between Ghent and corporatism ($r=.5447$ in the second period). Moreover, given the way they are con-

indicators for unionization, economic trends and structural shifts. Our indicators for industrialization and flexibility, moreover, are relatively crude. Further refinement in these indicators and subdivision into sectors and periods may be the way ahead. A time-series analysis with „pooled“ data is probably also valuable as a method for further exploring and testing the contesting theories of union growth (cf. Janoski and Hicks, 1994), though at this point we have decided to explore another path and take the different institutional configurations and membership trajectories into consideration with the help of qualitative comparative analysis.

Qualitative Comparative Analysis

Our quantitative analysis has shown the importance of institutional factors, but the models assumed a linear and additive causal mechanism, while there might be an interaction effect of particular institutional configurations. We will therefore explore the results of our regression analysis with the help of a configuration analysis. This qualitative comparative analysis (QCA) allows us to go further than the statistical, probabilistic regression models which, due to the small number of cases, can apply only linear additive variable combinations. QCA considers each individual case; that is, each country can be represented as a cluster of interrelated variables and can be analyzed as a whole case. QCA-models takes multi-causal and interactive processes into account. Thus context dependent variables will be controlled for both their logical consistency and empirical coincidence. This is of particular importance when we consider historical institutionalist theories, which do not assume universal linear or cyclical processes but institutional combinations and path-dependent trajectories. The basic rules of this method are the laws of logic or Boolean algebra (Ragin, 1987). For this purpose we must transform our quantitative variables into qualitative variables with binary coding (i.e. true or false).⁸ This comparative method reduces some information on our variable, yet allows to group countries more by salient characteristics than by marginal quantitative differences which may also reflect measurement errors. Different to statistical analysis, the QCA method takes each case fully into consideration and does not allow any error term or probabilistic causality.

We apply our configuration analysis to the union density rates of 1975 and 1995 (Tables 5a and 6a) and relative changes during phase 1 and phase 2 (Tables 5b and 6b). With some exceptions, the

structured, the pairs of variables for the strong and weak variants of the Ghent system, workplace representation, and corporatism, are highly correlated among themselves.

⁸ QCA requires the conversion of interval scales into binary variables. We have coded the non-dichotomous variables within specified boundaries as „non-existent“ (for instance, in the case of workplace access, ^b) „weak“ (b) and „strong“ (B), allowing separate analysis for each model. For example, comparing „non-existent“ (^b) with „existent“ (b/B); or „non-existent“ and „weak“ (^B) with „strong“ (B).

growth patterns follow by and large the ranking of countries by unionization level.⁹ Our previous conclusion that institutional conditions are sufficient to offer a parsimonious explanation of cross-national variation in the level of unionization in Western Europe is confirmed by the QCA-model. As in the regression analysis, non-institutional variables make no significant contribution to the explanation of variations. Hence, they are dropped from the model and not shown in Tables 5 to 6. The regression analysis has already taught us that the highest level of union organization at the beginning and end of each period can be explained by institutional factors alone. We did not know, however, which of these institutional factors are necessary and sufficient, and in which combination.

Our first step is to group the countries according to a similar level of unionization; “high”, with two-thirds or more of the workers joining a union; “medium”, with a density rate of between 45 and 65 percent; and “low” or “medium to low”, with a density rate under 45%. It appears that the existence of union-led unemployment schemes (A) is a necessary condition for a very high level of union density; this is true for both periods (Table 5a and 6a) and confirms the results in recent literature on union growth (Griffin *et al.* 1991; Rothstein, 1992; Western, 1993; 1997). Without this „selective incentive“ it is impossible for unions to organize 60 percent and more of all wage and salary earners. The other variables—corporatism and access to the workplace—are also present in the very high unionization group (Sweden, Finland and Denmark), but they lead not necessarily to a very high level of union density as can be shown in the case of Norway that abandoned the Ghent-system and remained below that mark.

⁹ The rankorder correlation (Spearman’s rho) between the 1975 level of unionization and the growth in unionization in phase I is $r=0.66$ (significant at the 0.05 level); between the 1995 level and the changes in the previous two decades $r=0.93$ (significant at the 0.01 level).

Table 5(a). Configuration analysis (QCA) of union density in Phase I, Western Europe 1950-75

Country	Density (%) 1975	Ghent system	Workplace access	Corporatist participation	Closed shop	QCA
High						
Sweden	74.5	A 11	B 11	C 11		A
Finland	67.4	A 11	b 01	c 01		
Denmark	67.4	A 11	B 11	C 11		
Medium						
Austria	56.1		b 01	C 11		b+C+^A
Norway	52.7		B 11	C 11		
Belgium	51.9	a 01	B 11	C 11		
Ireland	55.2		b 01		D 1	b+D+^a
Great Britain	48.3		b 01		D 1	
Italy	47.2		b 01			???
Low						
Netherlands	38.4			C 11		^b+^a+^D
Germany	36.6		b 01	c 01		???
Switzerland	32.9			c 01		
France	22.8					

Source: see Table 3a

Table 5(b). Configuration analysis (QCA) of union growth in Phase I, Western Europe 1950-75

Country	Density (%) 1975	Ghent system	Workplace access	Corporatist participation	Closed shop	QCA
Growth						
Finland	+100.6	A 11	b 01	c 01		A
Denmark	+26.7	A 11	B 11	C 11		
Sweden	+11.7	A 11	B 11	C 11		
Belgium	+47.0	a 01	B 11	C 11		B+C+^A
Norway	+10.0		B 11	C 11		
Ireland	+48.0		b 01		D 1	b+D+^a
G.Britain	+21.7		b 01		D 1	
No growth						
Italy	+4.0		b 01			^B+^D+^a
Netherlands	1.1			C 11		
Germany	+0.5		b 01	c 01		
Austria	-8.5		b 01	C 11		
Switzerland	-17.1			c 01		
France	-29.8					

Source: see Table 3a

The second group of countries with a moderate to high level of organization in 1975 (about every second worker joins a union) is made up from a rather diverse group: Austria, Norway, Belgium, Austria, Ireland, and Italy. The group falls apart in two institutional configurations; unions in group one (Austria, Norway and Belgium) have access to the workplace, be it in a weak version and through a non-union institution in Austria (b), and they are embedded in corporatist relations with the state and with employers (C); in group two (Britain and Ireland) workplace access is combined, not with the macro-level institutionalization of unions through corporatism, but through union security at the workplace, through the “closed shop” arrangement. However, this explanation leaves us with a puzzle; we cannot explain

Italy as belonging to the group of countries with a “medium” rate of unionization; Italy’s union density rate should have been lower! In 1975 Italian unions had access to the workplace (since 1970, and most strongly in industry and in the North), but attempts to involve the unions in a corporatist exchange had yet to start (Regini 1984). It is possible that we underrate the material (insurance-related) or ideological incentives for union membership in Italy. In other words, our QCA exercise suggests either a measurement error (should Italy have a small ‘a’, a ‘c’ or a capital ‘B’?), or the omission in our (theoretical) model of a yet undiscovered variable (e.g. ideological mobilization, union politics or what?), and, hence, the rejection of our hypothesis that workplace access in combination with either (macro-level) corporatism or (micro-level) union security (e.g., closed shop arrangements) are necessary conditions for a medium-level of unionization.

The importance of the combination of workplace access and corporatism is brought home by a comparison between the Belgian and the Dutch case. Both countries have a tradition of corporatism (Van Ruysseveldt and Visser, 1996), however, with respect to the difference in unionization levels and patterns workplace access has been described as the „small difference with big consequences“ (Mok, 1985). In contrast to Belgium, Dutch unions gave up their claim to organize in the workplace in exchange for involvement in macroeconomic management in the immediate post-war years. When in later years Dutch unions tried to regain access to the workplace, they were too weak and their efforts were too undecided to force employers to make concessions. The location of Germany in the group of countries with relatively low unionization levels presents us with another puzzle. It is generally argued that German unions, especially in industry, have access to the workplace through the works councils (Streeck, 1984), and that this was secured, in particular, after the reform of the works council law in 1972. It maybe that in 1975, only three years after the reform, the effect of the reform could not yet be felt.

Turning to the explanation of union growth during the “maturation” years (1950-1975), we find three configurations (Table 5b). The experience of Sweden, Finland and Denmark suggests that a union-led unemployment insurance scheme is a necessary condition for union growth. We do not want to suggest that a Ghent system is sufficient or can be defended in an institutional vacuum; unions in these countries are also embedded in corporatism and have access to the workplace, but unemployment insurance is what distinguishes them from unions in other countries. Union growth without a Ghent-system is only possible if unions have access to the workplace and are strongly embedded in corporatism, or where access to the workplace is combined with closed shop arrangements. If neither of these institutional configurations are available, unions stagnate or decline.

Changes in the institutional context between the first and the second period are limited (Table 6b). In Great Britain the „closed shop“ practice was made illegal and lost its significance; in Ireland the practice has become less widespread. Corporatist involvement and workplace access was strengthened in Finland and Italy (though intermittent in the latter case). Our results with respect to the countries with a “high” level of unionization in 1995, and with significant growth during the “crisis” years, reconfirm our finding that a Ghent system is a necessary condition. Without a Ghent system, union levels will stag-

nate around 50-60% and union growth, if it takes place, will be small. The combination of strong workplace access with corporatism or, where the latter is absent, with a closed shop remains the institutional configuration which sets countries with a medium level of unionization apart; we observe that Austria (weak workplace access) and Great Britain (weakening of the closed shop) have dropped out of this group. This result is reinforced when we analyze the decline in unionization during the past twenty years (Table 6b). If unions do not run an unemployment insurance system, or do not combine workplace unionism with macro-level corporatism, they are unable to maintain the level of unionization achieved in the mid-1970s, before the changes in the economic and political environment began. It appears that not even the continuation of a closed shop practice (Ireland) or access to the workplace via a "second channel" (Germany), alone or in combination with corporatism (Austria), could stave off decline.

In conclusion, the configuration analysis reconfirms the results of our quantitative analysis with some qualifications, but it does also produce some new insights. We have gained a better understanding of the interaction between different factors and their effects. A union-led unemployment scheme that links membership with selective incentives is a major explanatory factor for the stable and highly organized Scandinavian countries. However, this factor is not sufficient as an explanation for the Belgian and Norwegian unions which organize about half of all employees. The institutionalization of the union movement in the corporatist structures adds explanatory power. However, only in combination with workplace access does this factor contribute to a high and stable level of union organization.

Table 6(a). Configuration analysis (QCA) of union density in Phase II, Western Europe 1975-95

Country	Density (%) 1995	Ghent system	Workplace access	Corporatist participation	Closed shop	QCA
High						A
Sweden	91.1	A11	B 11	C 11		
Denmark	80.1	A 11	B 11	C 11		
Finland	79.3	A 11	B 11	C 11		
Medium-High						B+C+^A
Norway	57.7		B 11	C 11		
Belgium	51.9	a 01	B 11	C 11		
Ireland	48.9		b 01	c 01	d 1	b+c+d
Medium-Low						^B+(^a)+(^d)
Austria	41.2		b 01	C 11		
Italy	39.9		b 01	c 01		
G.Britain	32.9					
Germany	28.9		b 01	c 01		
Netherlands	25.6		b 01	C 11		
Portugal	25.6			c 01		
Greece	24.3					
Switzerland	22.5			c 01		
Spain	18.6		b 01	c 01		
France	9.1					

Source: see Table 3b.

Table 6(b). Configuration analysis (QCA) of union growth in Phase II, Western Europe 1975-95

Country	Density (%) 1995	Ghent system	Workplace access	Corporatist participation	Closed shop	QCA
Highgrowth						A
Sweden	+22.3	A11	B 11	C 11		
Finland	+17.7	A 11	B 11	C 11		
Denmark	+18.8	A 11	B 11	C 11		
Stagnation						B+C+^A
Norway	+9.5		B 11	C 11		
Belgium	0.0	a 01	B 11	C 11		
Decline						^(B+C+a)
Ireland	-11.4		b 01	c 01	d 1	
Italy	-15.5		b 01	c 01		
Germany	-21.0		b 01	c 01		
Austria	-26.6		b 01	C 11		
Switzerland	-31.6			c 01		
G.Britain	-31.9					
Greece	-32.1					
Netherlands	-33.3		b 01	C 11		
Spain	-38.8		b 01	c 01		
Portugal	-51.1			c 01		
France	-60.0					

Source: see Table 3b.

Conclusions

Social phenomena rarely have just one cause. Union decline has multiple causes which tend to be interrelated. Some of these causes are not sufficient by themselves, or may even have an opposite effect in the presence of other factors. This configurational nature of institutions is not always sufficiently taken into account by neo-classical (rational choice) theories of union growth. Unemployment, for instance, appears to have an opposite effect when union-led unemployment schemes provide a selective incentive for union members. The same holds for works councils with or without union representatives in the firm, or for corporatism with or without workplace unions. Consequently, we should strive for an analysis of the intersection of causes that are present at the same time and place. The QCA method offers a way to at least explore such causal complexity.

Economic, political and labour market changes in the period after the “Golden Age of Capitalism” (1950-73) have taxed the mobilizing capacity of European union movements. In all countries trade unions faced a less friendly climate. Generally, membership growth was lower in this period than in the years up to 1975, and most union movements suffered decline since. We have argued and found evidence that the institutional context is of crucial importance for the capacity of unions to withstand pressures and come up with adequate responses. We have furthermore identified some of the main institutions which, alone and in combination, are vital for the „patrimony“ of unionism in Europe.

Our analysis does not prove that social structural or business cycle factors are irrelevant. In our view these changes provide the background and environment for unions—social networks of union recruitment and bastions of union power disintegrate; new markets for union services and networks of mobilization do arise in their place. This is a challenge for all union movements (though not to the same degree for all individual unions). They can be met in different ways, given particular circumstances, different points of departure and historically contingent power resources. Future research could use more sophisticated analysis to investigate the interaction of cyclical, structural and configurational factors by using pooled time-series and event history methods in addition to the QCA method adopted here. Our quantitative and qualitative analysis for two points in time, and for two periods of post-war capitalism, point to the importance of a configurational analysis that takes into account different national institutions for understanding unionization patterns. In each period, unions faced new challenges but within a legacy of institutional contexts reflecting past choices, successes and failures. These institutional contexts shape the conditions under which collective actors such as unions act. Neither the past nor the future determines their fate, but institutional legacies structure the alternatives for strategic choice given the ongoing changes and new challenges.

References

- Ambrosini, M. (1995) *Unionization, practical Models for Industrial Relations in the Private Service Industries in Europe*. Rome, CISL-SindNova, dossier Soc94, 10064.
- Armingeon, K. (1988) *Arbeitsbeziehungen und Gewerkschaftsentwicklung in den achtziger Jahren: Ein Vergleich der OECD-Länder*. Politische Vierteljahresschrift, 30, 603-28.
- Armingeon, K. (1994) *Staat und Arbeitsbeziehungen. Ein internationaler Vergleich*. Opladen, Westdeutscher Verlag.
- Ashenfelter, O. and Pencavel, J.H. (1969) *American trade union growth, 1900-1960*. Quarterly Journal of Economics, 88, 434-448.
- Baglioni, G. and Crouch, C. (eds.) (1990) *European Industrial Relations. The Chalange of Flexibility*. London, Sage.
- Bain, G.S. (1970) *The Growth of White-Collar Unionism*. Oxford, Clarendon.
- Bain, G.S. and Elsheik, F. (1976) *Union Growth and the Business Cycle*. Oxford, Blackwell.
- Bain, G.S. and Price, R.J. (1983) *Union growth: dimensions, determinants and destiny*. In Bain, G.S. (ed.), *Industrial Relations in Britain*. Oxford, Blackwell, pp. 3-34.
- Bell, D. (1953) *The next American labor movement*. Fortune.
- Bell, D. (1973) *The Coming of Post-Industrial Society*. New York, Basic Books.
- Berg, A. van den (1995) *Trade Union Growth and Decline in the Netherlands*. Amsterdam, University of Amsterdam (Ph. D. thesis).
- Blanchflower, D.G. and Freeman, R.B. (1990) *Going different ways: unionism in the U.S. and other advanced OECD countries*. London, LSE, Centre for Economic Performance, discussion paper, No. 5.
- Booth, A. (1983) *A reconsideration of trade union growth in the United Kingdom*. British Journal of Industrial Relations, 21, 377-91.
- Boyer, R. (1995) *The future of unions: is the Anglo-Saxon model a fatality, or will contrasting national trajectories persist?* British Journal of Industrial Relations, 33, 519-530.
- Briefs, G. (1952) *Zwischen Kapitalismus und Syndikalismus. Die Gewerkschaften am Scheideweg*, Bern.
- Cardeira, M.C. (1997) *A sindicalização portuguesa de 1974 a 1995*, Sociedade e Trabalho, no. 1.
- Carrieri, M. (1997) *Gli altri sindacati*. Rome, Ediesse.
- Carruth, A. and Disney, R. (1988) *Where have two million trade union members gone?* Economica, 55, 1-19.
- Chaison, G.N. and Dhavale, J.H. (1992) *The Choice Between Union Membership and Free-Rider Status*, Journal of Labour Research, 13, 41-61.
- Clegg, H.A. (1976) *Trade Unionism under Collective Bargaining*. Oxford, Blackwell.
- Commons, J.R. et al. (1918) *History of Labor in the United States*. New York, Macmillan, 3 vols.

- Cook, A.H., Lorwin, V.R., and Davids, A.K. (eds.) (1984) *Women and Trade Unions in Eleven Countries*. Philadelphia, Temple University Press.
- Crouch, C. (1993) *Industrial Relations and European State Traditions*. Oxford, Clarendon Press. .
- Crouch, C. (1996) Revised diversity: from the neo-liberal decade to beyond Maastricht. In Ruysseveldt, J. van and Visser, J. (eds) *Industrial Relations in Europe. Traditions and Transitions*. London, Sage, pp. 358-375.
- Crouch, C., and Pizzorno, A. (eds.) (1978) *The Resurgence of Class Conflict in Western Europe since 1968*. 2 vols. London, Macmillan.
- Dahrendorf, R. (1959) *Class and Class Conflict in Industrial Society*. Stanford, Stanford University Press.
- Davis, H.B. (1941) The Theory of Union Growth. *Quarterly Journal of Economics*, 55.
- Delsen, L. (1995) *Atypical Employment: An International Perspective. Causes, Consequences and Policy*. Groningen, Wolters-Noordhoff.
- Esping-Andersen, G. (1990) *Three Worlds of Welfare Capitalism*. Princeton, NJ, Princeton University Press.
- Ferrera, M. (1996). The 'southern model' of welfare in social Europe. *Journal of European Social Policy*, 6, 17-37.
- Ferner, A. and Hyman, R. (eds.) (1997) *Changing Industrial Relations in Europe*. Oxford, B. Blackwell.
- Fiorito, J. and Greer, C. (1982) Determinants of U.S. unionism: past research and future needs. *Industrial Relations*, 21, 1-32.
- Flanagan, R.J., Soskice, D.W. and Ulman, L. (1983) *Unionism, Economic Stabilization and Incomes Policies: European Experience*. Washington, DC, Brookings Institution.
- Flora, P. (1986) Introduction. In Flora, P. (ed.) *Growth to Limits*. Berlin, de Gruyter.
- Freeman, R.B. (1990) On the divergence of unionism among developed countries. In Brunetta R. and Dell'Aringa, C. (eds.) *Industrial relations and Economic Performance*. London, Macmillan, pp. 304-22.
- Freeman, R.B., (ed.) (1994), *Working Under Different Rules*. New York, Russel Sage.
- Freeman, R.B. and Medoff, J.L. (1984) *What Do Unions Do?* New York, Basic Books.
- Freeman, R.B., and Pelletier, J. (1990) The impact of industrial relations legislation on british union density. *British Journal of Industrial Relations*, 28, 141-164.
- Goetschy, J. and Rozenblatt, P. (1992) France: the industrial relations system at a turning point? In Ferner, A. and Hyman, R. (eds.) *Industrial Relations in the New Europe*. Oxford, Blackwell, pp. 404-444.
- Griffin, L.J., et al. (1991) Qualitative comparative analysis of trade union growth. *International Journal of Comparative Sociology*, 32, 110-136.
- Hall, P. (1986) *Governing the Economy: The politics of state intervention in Britain and France*. Cambridge, Polity Press.
- Hancké, B. (1993) Trade union membership in europe 1960-90. rediscovering local unions. *British Journal of Industrial Relations*, 31, 593-613.

- Hartog, J. and Theeuwes, J. (eds.) (1993) *Labour Market Contracts and Institutions. A Cross-National Comparison*. Amsterdam, North-Holland.
- Hicks, A. (1988) Social democratic corporatism and economic growth. *Journal of Politics*, 51, 662-75.
- Inglehart, R. (1977) *The Silent Revolution. Changing Values and Political Styles Among Western Publics*. Princeton, NJ, Princeton University Press.
- Janoski, Th. and Hicks, A. (eds.) (1994) *The Comparative Political Economy of the Welfare State*. New York, Cambridge University Press.
- Kaelble, H. (1987) *Auf dem Weg zu einer europäischen Gesellschaft. Eine Sozialgeschichte Westeuropas 1880-1980*. München, C.H.Beck.
- Katzenstein, P. J. (1987) *Policy and Politics in West Germany*. Philadelphia, Temple University.
- Kerr, C., et al. (1960, 1971) *Industrialism and Industrial Man*. Cambridge, MA., Harvard .
- Kerr, C. (1983) *The Future of Industrial Societies. Convergence or Continuing Diversity?* Cambridge, MA, Harvard University Press.
- Kjellberg, A. (1983) *Facklig organisering i tolv länder*. Lund, Arkiv.
- Klandermans, P.G., and Visser, J. (1995) *De vakbeweging na de welvaartsstaat*. Assen, van Gorcum.
- Kochan, Th.A., McKersie, R. and Capelli P. (1984) Strategic choice and industrial relations theory. *Industrial Relations*, 44, 224-48.
- Korpi, W. (1983) *The Democratic Class Struggle*. London, Routledge.
- Kritsanonis, N.D. (1998) Greece: the maturing of a system. In Ferner, A. and Hyman, R. (eds.) *Changing Industrial Relations in Europe*, Oxford, Blackwell, pp. 504-528
- Lipset, S.M. (1986) Labor unions in the public mind. In Lipset, S.M. (ed.) *Unions in Transition. Entering the Second Century*. San Francisco, ICS Press, pp. 287-321.
- Locke, R., Kochan, Th.A. and Piore, M.J. (1995) Reconceptualising comparative industrial relations: lessons from international research. *International Labour Review*, 134, 38-61.
- Meer, Marc, van der (1997) Trade union development in Spain. past legacies and current trends. Mannheim, MZES working papers AB I, No.18.
- Merkel, W. (1993) *Ende der Sozialdemokratie? Machtressourcen und Regierungspolitik im westeuropäischen Vergleich*, Frankfurt: Campus.
- Millward, N., et al. (1992) *Workplace Industrial Relations in Transition*, Aldershot: Dartmouth.
- Mok, A. (1985) *Arbeidsverhoudingen in Nederland and België. Een oefening in differentiële sociologie*. Tijdschrift voor Arbeidsvraagstukken, 1, 4-17.
- OECD (1994), *OECD Job Study*, Paris, OECD.
- Olson, M. (1965) *The Logic of Collective Action*, Cambridge, MA, Harvard.
- Pedersen, P. J. (1982) Union growth in Denmark, 1911-1939. *Scandinavian Journal of Economics*, 84, 583-92.
- Przeworski, A. and Sprague J. (1986) *Paper Stones. A History of Electoral Socialism*. Chicago, University of Chicago Press.

- Ragin, Ch. (1987) *The Comparative Method: Moving Beyond Qualitative and Quantitative Strategies*. Berkeley, CA, University of California Press.
- Regini, M. (1984) The conditions for political exchange: how concertation emerged and collapsed in Italy and Great Britain. In Goldthorpe, J.H. (ed.) *Order and Conflict in Contemporary Capitalism*. Oxford, Clarendon, pp. 124-142.
- Richards, A. and Garcia de Polavieja, J. (1997) Trade unions, unemployment and working-class fragmentation in Spain. Working paper, No.112, Madrid, Juan Marc Institute.
- Richardson, R. (1978) Trade union growth: a rejoinder. *British Journal of Industrial Relations*, 16, 103-105.
- Roche, W.K. and Larragy, J.(1990) Cyclical and institutional determinants of annual trade union growth in Ireland: evidence from the DUES data series. *European Sociological Review*, 6, 49-72.
- Rogers, J., and Streeck, W. (eds.) (1995) *Works Council. Consultation, Representation, and Cooperation in Industrial Relations*. Chicago, University of Chicago Press.
- Rothstein, B. (1992) Labour market institutions and working-class strength. In Steinmo, S., Thelen, K. and Longstreth, F. (eds.) *Structuring Politics. Historical Institutionalism in Comparative Analysis*. Cambridge, MA, Cambridge University Press, pp. 33-56.
- Scharpf, F.W. (1991) *Crisis and Choice in European Social Democracy* Ithaca NY: Cornell University Press
- Scheuer, S. (1992) Denmark: return to decentralisation. In Ferner, A. and Hyman, R. eds, *Industrial Relations in the New Europe*. Oxford, B. Blackwell, pp. 168-197.
- Schnabel, C. (1989) Determinants of Trade Union Growth and Decline in the Federal Republic of Germany. *European Sociological Review*, 5, 133-146.
- Segrestin, D. (1990) Recent changes in France. In Baglioni, G. and Crouch, C. (eds.) *European Industrial Relations. The Challenge of Flexibility*, London, Sage, pp. 97-126.
- Shorter, E. and Tilly, C. (1974) *Strikes in France 1830-1968*. Cambridge, Cambridge University Press.
- Sinclair, D.M. (1995) The importance of sex for the propensity to unionize. *British Journal of Industrial Relations*, 33, 173-90.
- Stolleroff, A. (1997) Unemployment and trade union strength in Portugal. Unpublished ms., Lisboa: ISCTE.
- Streeck, W. (1981) *Organisationsprobleme in der sozialstaatlichen Demokratie*, Königstein, Athenäum.
- Streeck, W. (1984) Co-determination: after four decades. In Wilpert, B. and Sorge, A. (eds.) *International Perspectives on Organisational Democracy*. International Yearbook of Organisational Democracy. London, Wiley, vol. 2, pp. 391-422.
- Sturmthal, A., ed. (1966) *White-Collar Trade Unions*, Urbana: University of Illinois.
- Swaan, A. de (1988) *In Care of the State*. Cambridge, Polity Press.
- Traxler, F. (1994) Collective bargaining: levels and coverage. In *OECD Employment Outlook 1994*, Paris, OECD, pp. 167-191.
- Vall, M. van de (1970) *Labour Organizations*, Cambridge, Cambridge University Press.

- Van Ruysseveldt, J., and Visser, J. (eds.) (1996) *Industrial Relations in Europe. Traditions and Transitions*. London, Sage.
- Visser, J. (1986) Die Mitgliederentwicklung der westeuropäischen Gewerkschaften, *Journal für Sozialforschung*, 26, 3-33.
- Visser, J. (1990) *In Search of Inclusive Unionism*. Deventer: Kluwer.
- Visser, J. (1991) Trends in trade union membership. *OECD Employment Outlook 1991*, Paris: OECD, pp. 97-134.
- Visser, J. (1993) Employee Representation in West European Workplaces, In Veneziani, B. (ed.) *Economic and Political Changes in Europe*, Bari, Cacucci, pp. 793-822
- Visser, J. (1998a) Two cheers for corporatism, One for the market. *British Journal of Industrial Relations*, 36 (June issue).
- Visser, J. (1998b) European Trade Unions in the mid-1990s *Industrial Relations Journal*, 29 (September issue)
- Visser, J., and Hemerijck, A.C. (1997), 'A Dutch Miracle' Job Growth, Welfare Reform and Corporatism in the Netherlands, Amsterdam, Amsterdam University Press.
- Waddington, J. (1992) Trade union membership in Britain, 1980-1987: unemployment and restructuring. *British Journal of Industrial Relations*, 30, 287-335.
- Western, B. (1993) Postwar unionization in eighteen advanced capitalist countries. *American Sociological Review*, 58, 266-282.
- Western, B. (1997) *Between Class and Market: Postwar Unionization in the Capitalist Democracies*. Princeton, NJ, Princeton University Press.
- Windolf, P. and Haas, J. (1989) Who joins the union? Determinants of trade union membership in West Germany, 1976-1984. *European Sociological Review*, 4, 147-163.