

# Contents

<i>List of Figures</i>	ix
<i>List of Tables</i>	xi
<i>List of Contributors</i>	xiii
<i>Acknowledgements</i>	xvii
<b>1 Introduction</b>	<b>1</b>
BERND BRANDL, BENGT LARSSON, ALEX LEHR, AND OSCAR MOLINA	
<b>PART 1</b>	
<b>Methodological and conceptual issues</b>	<b>11</b>
<b>2 Social Network Employment Research: Tracing New Horizons in the Field of Work and Labour</b>	<b>13</b>
VALERIA PULIGNANO	
<b>3 Concepts and Methodologies in SNA: Implications for Employment Relations Research</b>	<b>27</b>
JOEL MARTÍ, MATTIA VACCHIANO, AND OSCAR MOLINA	
<b>4 Multilevelness and Multiplexity in Trade Union Cooperation Networks in Europe</b>	<b>41</b>
BENGT LARSSON	
<b>5 From Structures to Outcomes: Network Mechanisms and Network Effects in Collective Bargaining</b>	<b>62</b>
ALEX LEHR	
<b>6 From Factors to Actors: Networks and Network Theory in Comparative Industrial Relations</b>	<b>80</b>
BERND BRANDL	

**PART 2**

<b>Case studies and applications</b>	<b>95</b>
<b>7 The Impact of Network Ties on Worker Voice</b>	<b>97</b>
RODERICK SLUITER, KATERINA MANEVSKA, AND AGNES AKKERMAN	
<b>8 Losing What You Never Had: How a Strike Changed Management's (Perception of Their) Network Position</b>	<b>123</b>
AGNES AKKERMAN, KATERINA MANEVSKA, KIRSTEN THOMMES, AND RODERICK SLUITER	
<b>9 Articulation of Interests: A Network Perspective on Employee Representation in Multinational Companies</b>	<b>136</b>
THOMAS HAIPETER, MARKUS HERTWIG, AND SOPHIE ROSENBOHM	
<b>10 Forms of Network Governance for the European Trade Union Federations</b>	<b>156</b>
PATRIK NORDIN	
<b>11 International Networks and the Activities of Peak Employers' Associations: Do As I Do?</b>	<b>177</b>
BERND BRANDL AND ALEX LEHR	
<b>12 How to Expand the Role of Employers in Firm Networks?: Lessons from Collective Bargaining with the Property of Outlet Malls in Italy</b>	<b>195</b>
STEFANO GASPARRI	
<b>13 Collective Bargaining Networks and Relational Coordination: A Comparative Analysis</b>	<b>217</b>
OSCAR MOLINA, JOEL MARTÍ, AND ALEJANDRO GODINO	
<b>14 Conclusions and Outlook: Structures, Actors and Mechanisms in Employment Relations</b>	<b>244</b>
BERND BRANDL, BENGT LARSSON, ALEX LEHR, AND OSCAR MOLINA	
<i>Index</i>	<b>256</b>

# Figures

3.1	Different types of nodes	31
3.2	Different types of ties	31
3.3	Different types of networks	32
3.4	Actor centralities	34
3.5	Network centralisation	35
4.1	Generalised map of levels of trade union cooperation	45
4.2	Trade union network in metal sector	48
4.3	Interconnectedness between interorganisational and interpersonal networks	49
5.1	Union and firm player proposals over time, loess regression lines ( $N = 5365$ )	73
5.2	Mean questionnaire responses of negotiators on importance of information about other collective agreement negotiations, standard deviations in brackets ( $N = 97$ [lowest] – $116$ [highest])	75
5.3	Predicted probabilities for the range of observed scores on the proximate conflict spillover scale	76
8.1	The workplaces and the cleaners working in them	125
8.2	Private communication network before the strike	128
8.3	Private communication after the strike	129
8.4	Work related communication before the strike	129
8.5	Work related communication after the strike	130
9.1	Typology of articulation patterns and case study companies	142
13.1	Contact networks in the pharma industry	229
13.2	Communities (subgroups) in the contact networks of pharma	231
13.3	Co-attendance networks from affiliation data (complete view, weighted data)	232
13.4	Co-attendance networks from affiliation data (reduced view, simplified & binary data)	233
13.5	Contact networks in the retail sector	236
13.6	Communities (subgroups) in the contact network	238

x *Figures*

13.7	Co-attendance networks from affiliation data. Complete view (weighted data) and reduced view (simplified & binary data)	239
14.1	Coleman's bathtub	246

# Tables

4.1	Intra- and cross-regional ties between unions in different regions ( $n$ ties = 485)	49
4.2	TU cooperation in various areas in 2015. Percentages and means ( $n = 221$ )	54
4.3	Various forms of TU cooperation during 2010–2015, in percentages ( $n = 221$ )	55
5.1	Questionnaire items in negotiator survey (translated from Dutch)	75
7.1	Logistic regression of worker voice ( $N = 8,739$ )	103
7.2	Logistic regression of co-worker responses ( $N = 5,265$ )	107
7.3	Logistic regression of supervisor responses ( $N = 6,188$ )	108
7.4	OLS regression of worker voice outcome ( $N = 4,684$ )	111
A7.1	Descriptive statistics	116
A7.2	Descriptive statistics for the worker voice subset, by wave	118
A7.3	Descriptive statistics for the co-worker responses subset, by wave	119
A7.4	Descriptive statistics for the supervisor responses subset, by wave	120
A7.5	Descriptive statistics for the worker voice outcome subset, by wave	121
8.1	Ego network measures of the manager and the supervisors	130
9.1	Case studies	141
9.2	Forms of coordination and integration of interest articulation	145
10.1	European Trade Union Federations (2021)	158
13.1	Exploratory network and survey respondents in the four countries	224
13.2	Descriptive information of the survey respondents	225
13.3	Network response rates (depending on network boundaries threshold)	225
13.4	General descriptors of the contact networks in the pharma sector	230

xii *Tables*

13.5	Relevance of challenges for coordinating in the Retail Sector	235
13.6	General descriptors of the contact networks in the retail sector	237