

SIPTA-Community based on Paper Contributions – Supplementary Material

Paul Fink
Munich, Germany

STATISTICS.PF@MAILBOX.ORG

Abstract

This document is the supplementary material to the proceedings contribution “SIPTA-Community based on Paper Contributions”. It contains additional graphics and the number assignment of authors and locations.

1. Additional Graphics

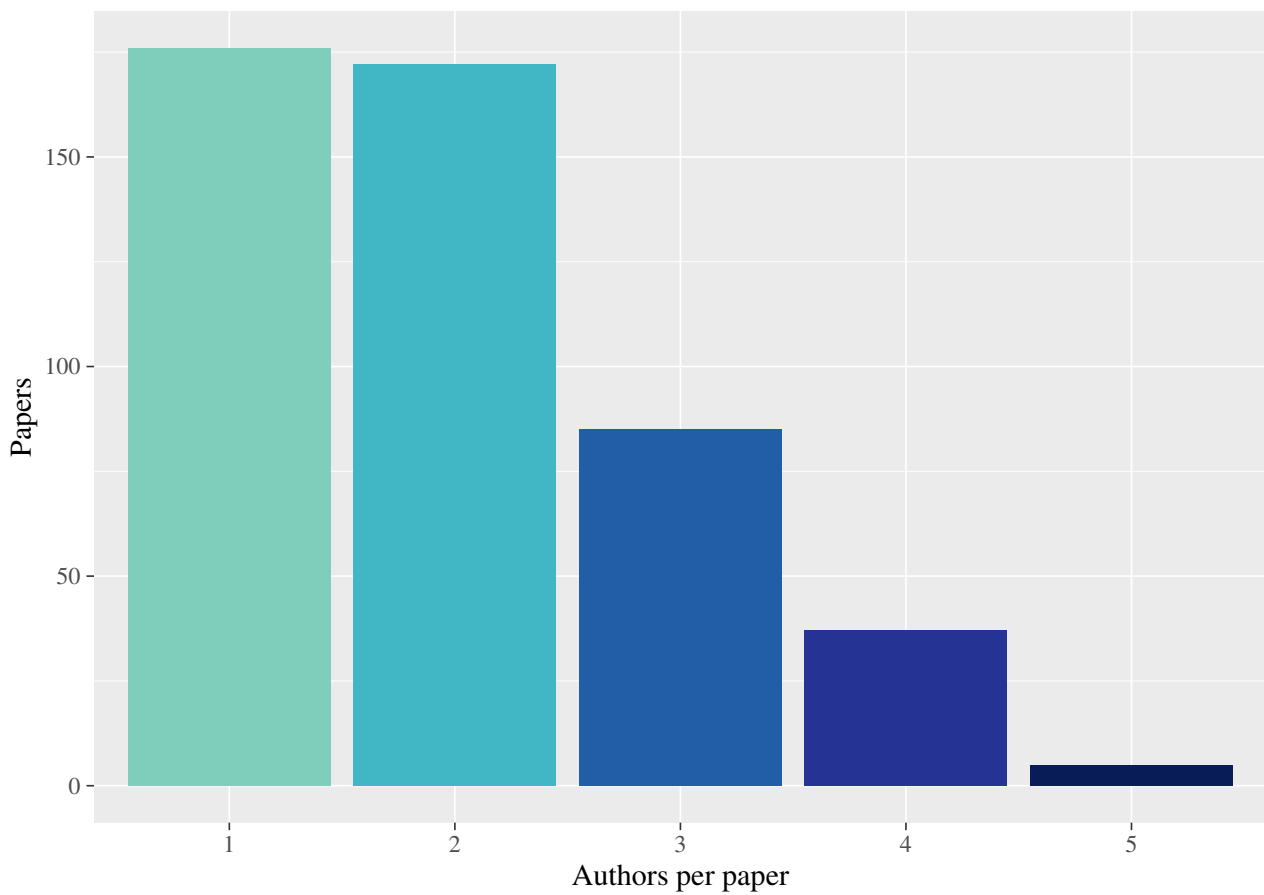


Figure 1: Overall absolute frequencies of authors per paper

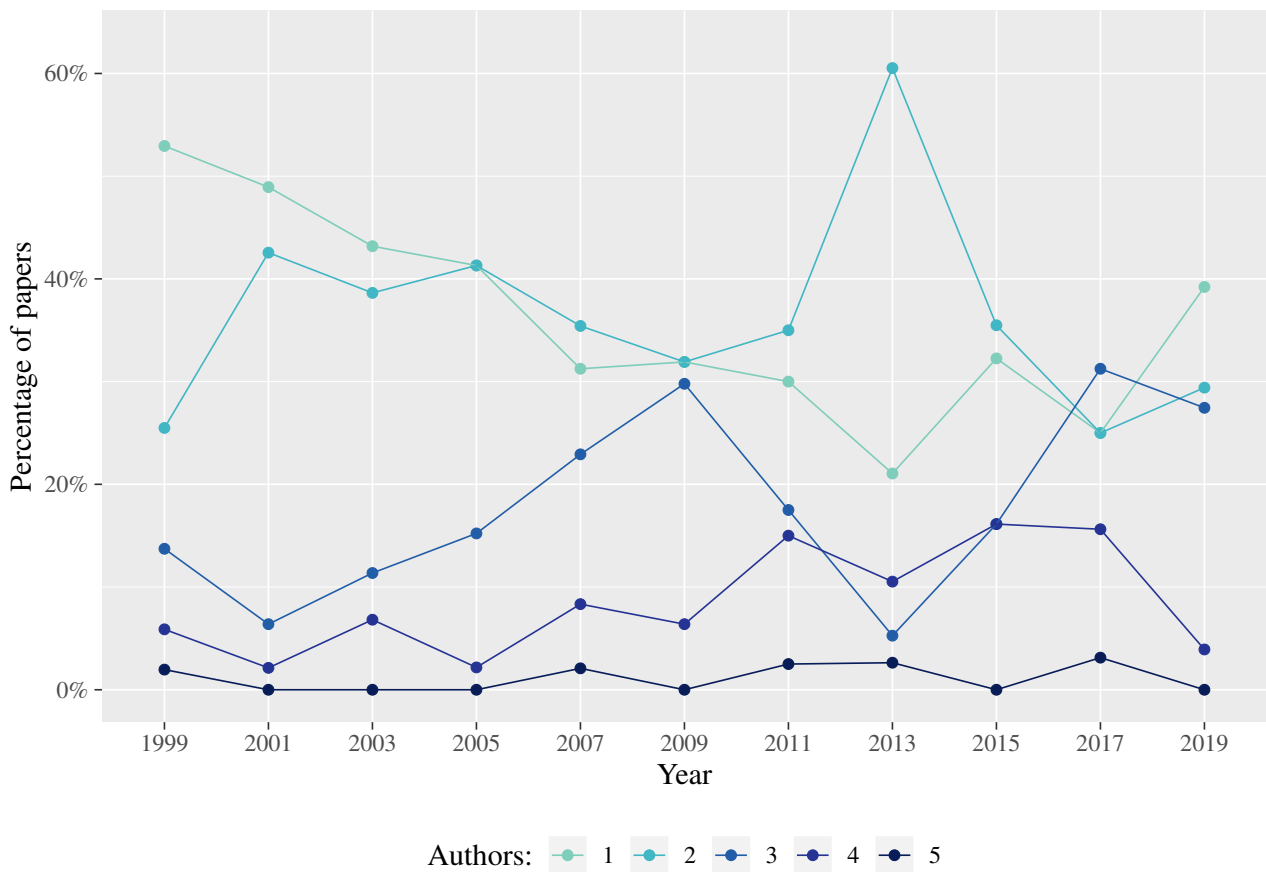


Figure 2: Number of authors per paper by conference in percentage of all papers at each individual conference proceedings

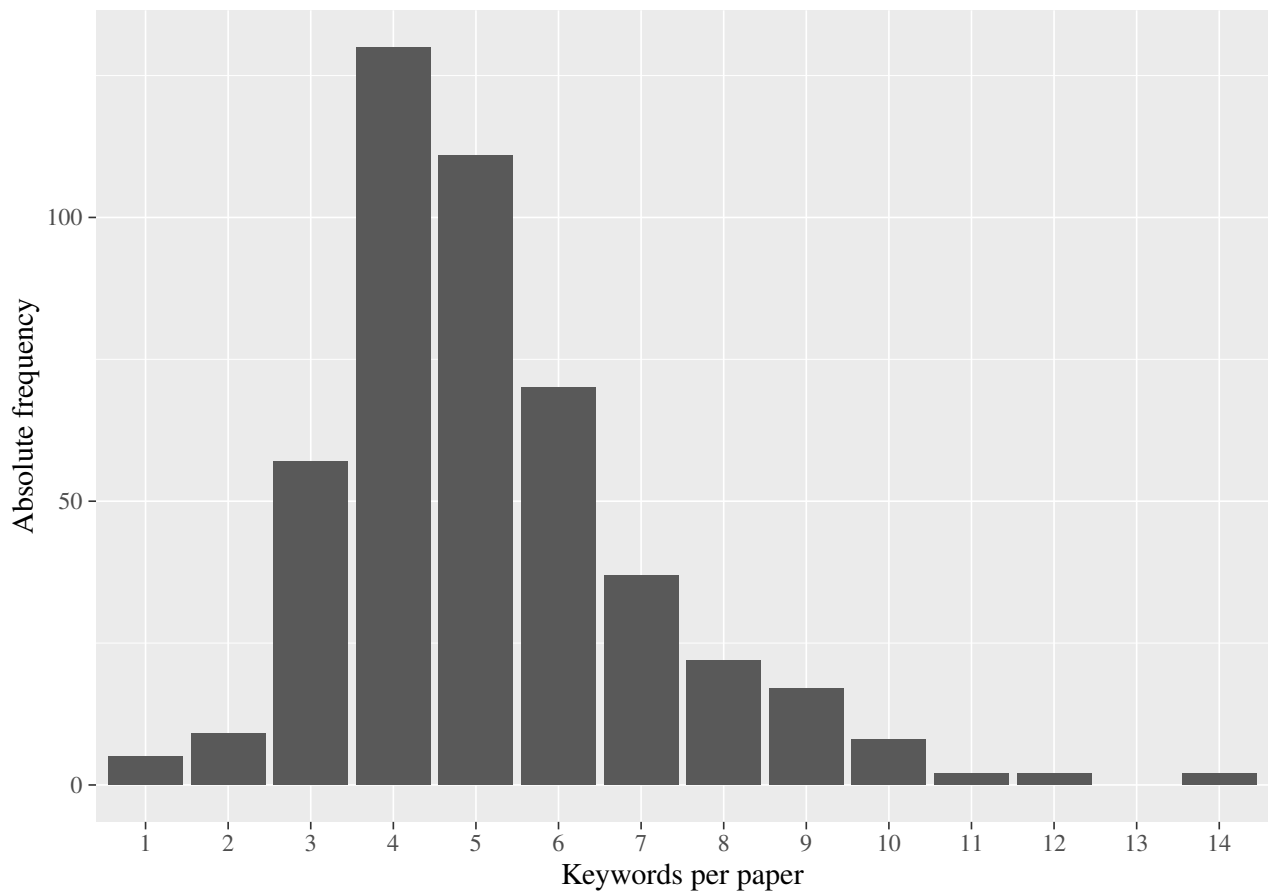


Figure 3: Keywords per paper

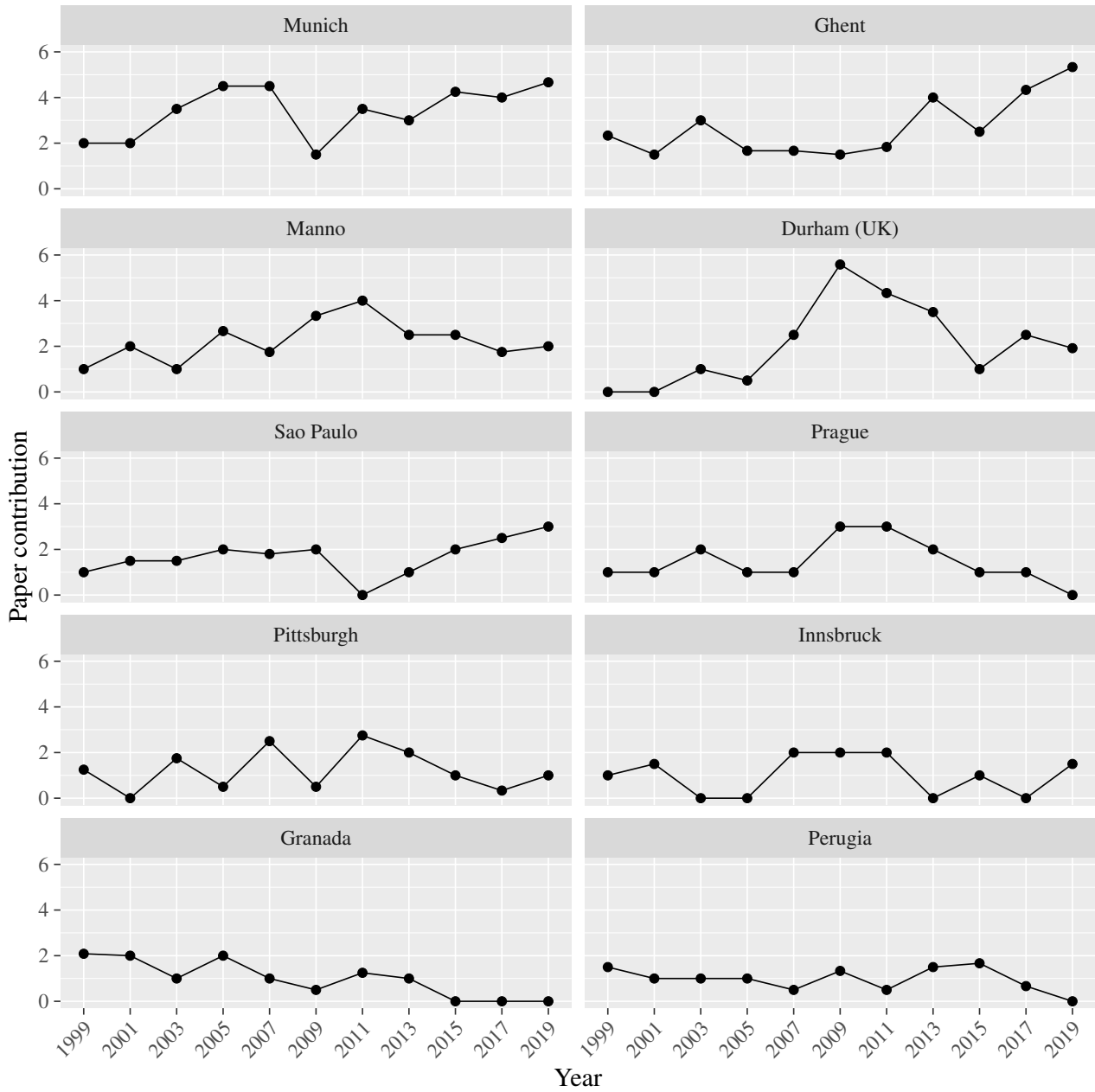


Figure 4: Paper contribution per city of authors and conference

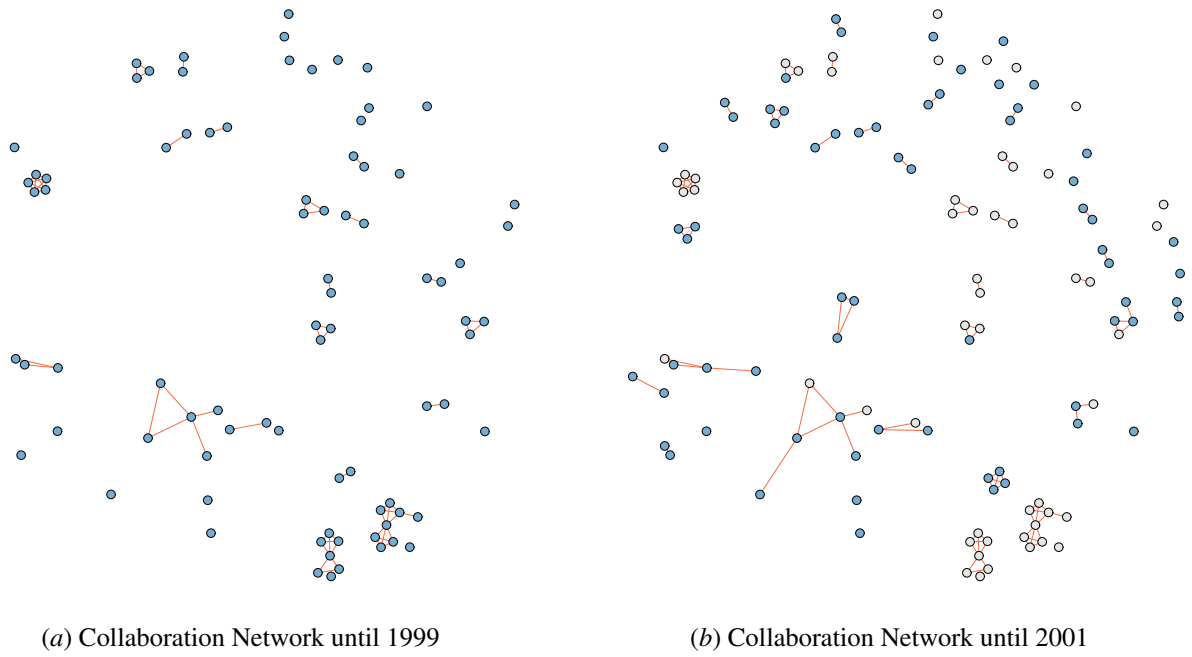


Figure 5: Collaboration Network until 2019

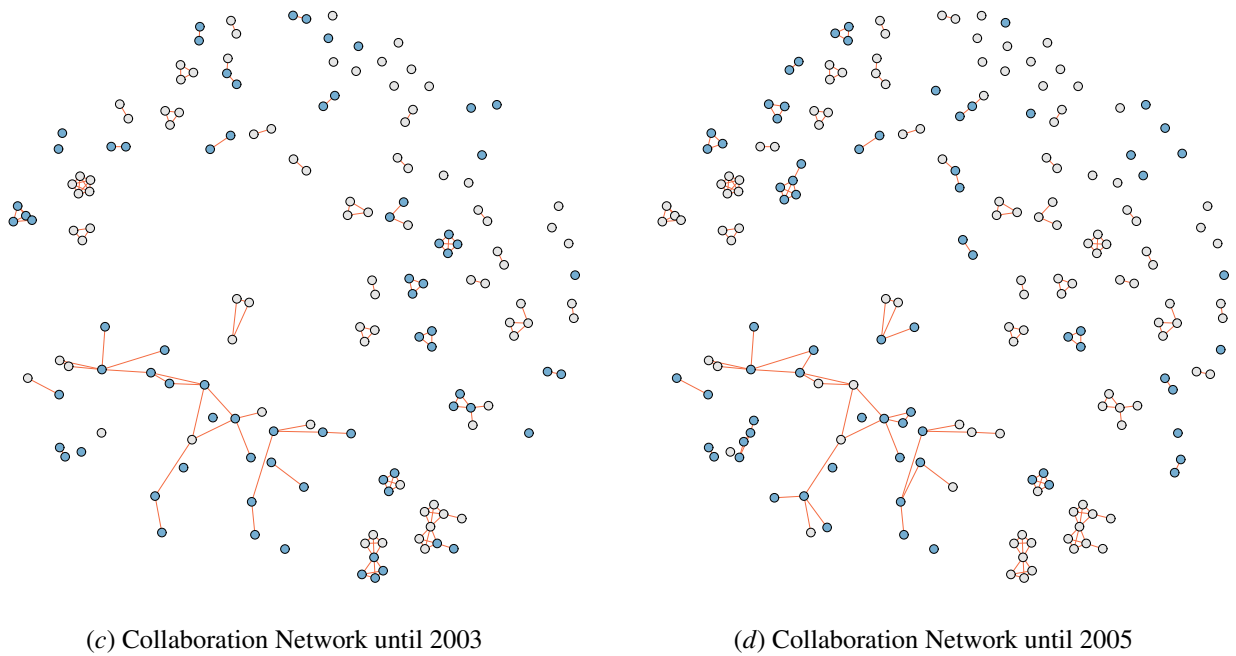
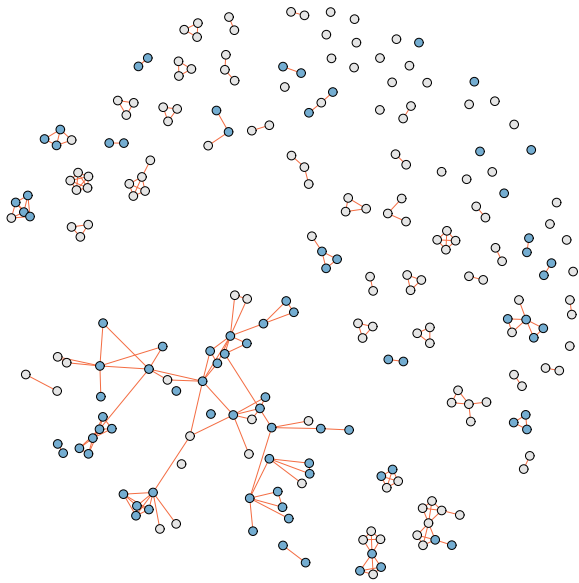
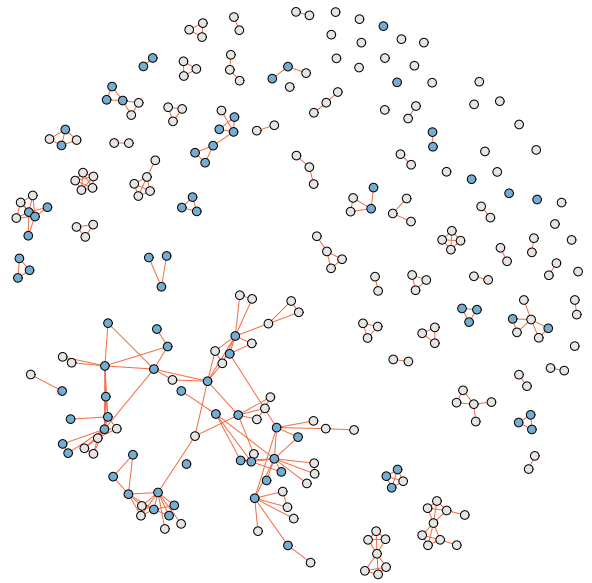


Figure 5: Collaboration Network until 2019

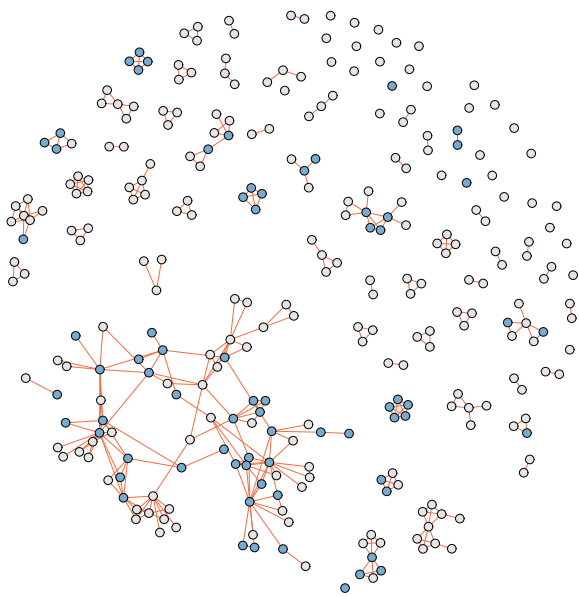


(e) Collaboration Network until 2007

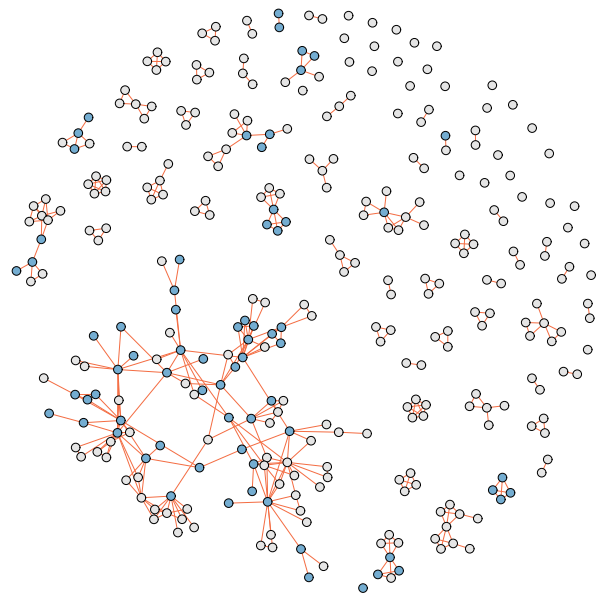


(f) Collaboration Network until 2009

Figure 5: Collaboration Network until 2019

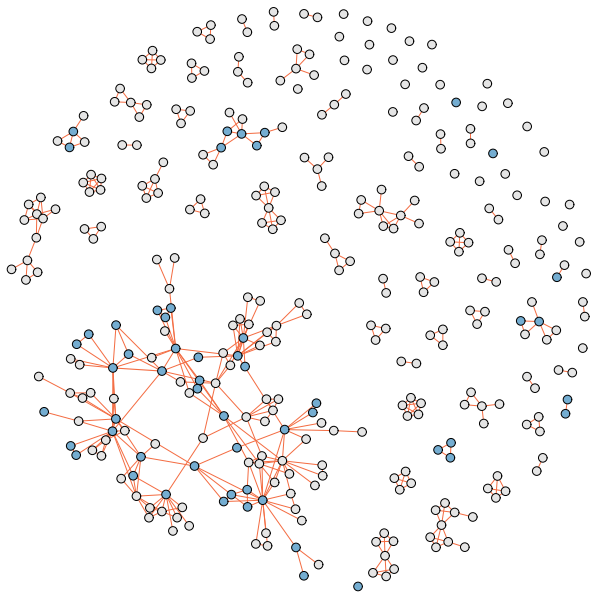


(g) Collaboration Network until 2011

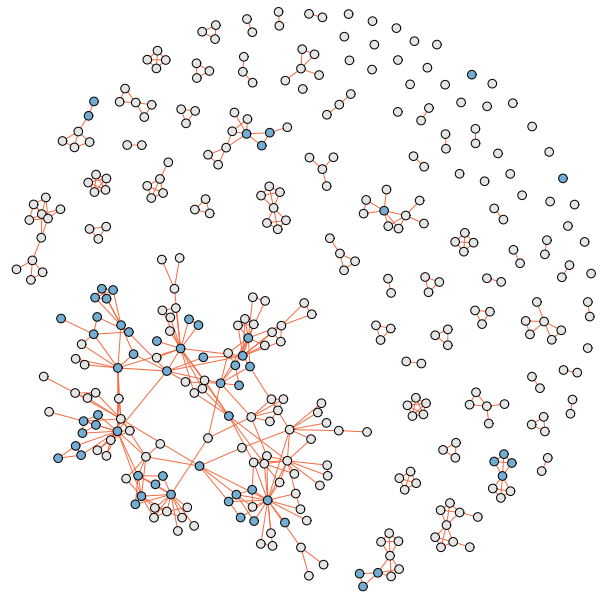


(h) Collaboration Network until 2013

Figure 5: Collaboration Network until 2019

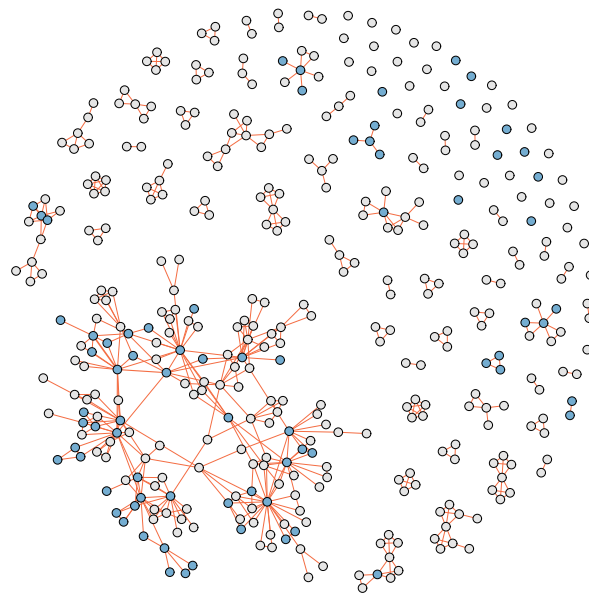


(i) Collaboration Network until 2015



(j) Collaboration Network until 2017

Figure 5: Collaboration Network until 2019



(k) Collaboration Network until 2019

Figure 5: Collaboration Network until 2019

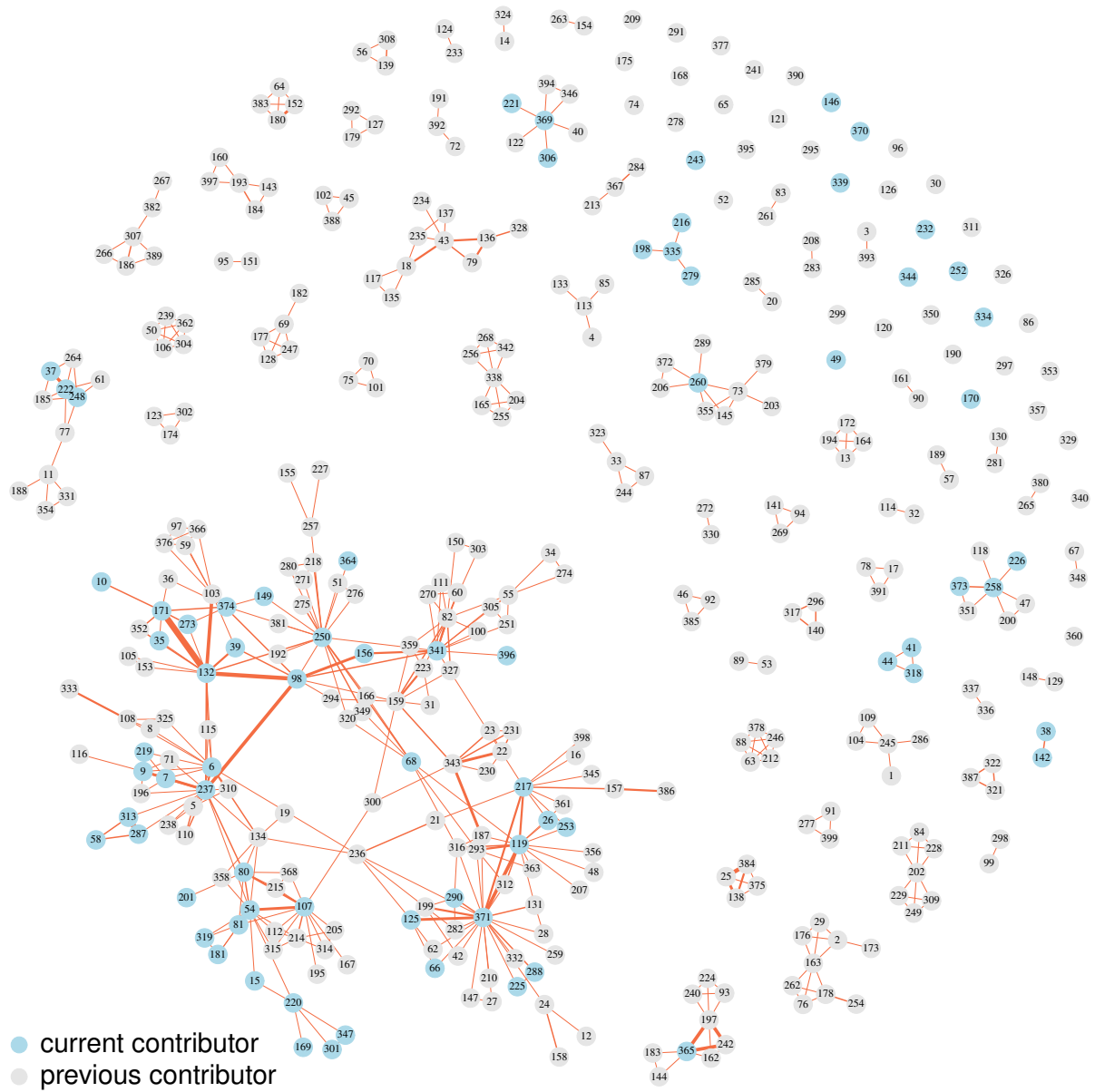


Figure 6: Complete collaboration network until 2017 (magnified version)

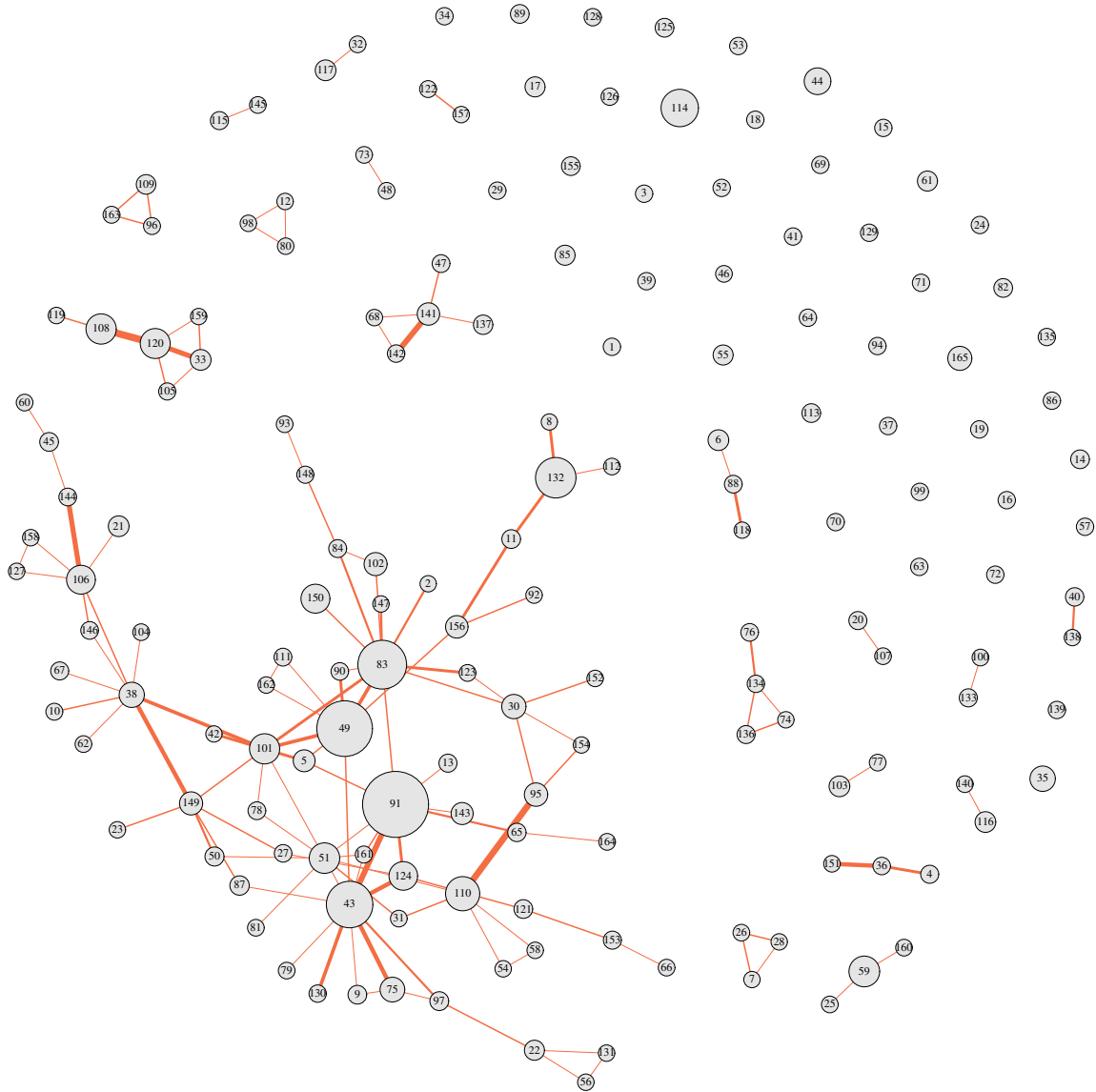
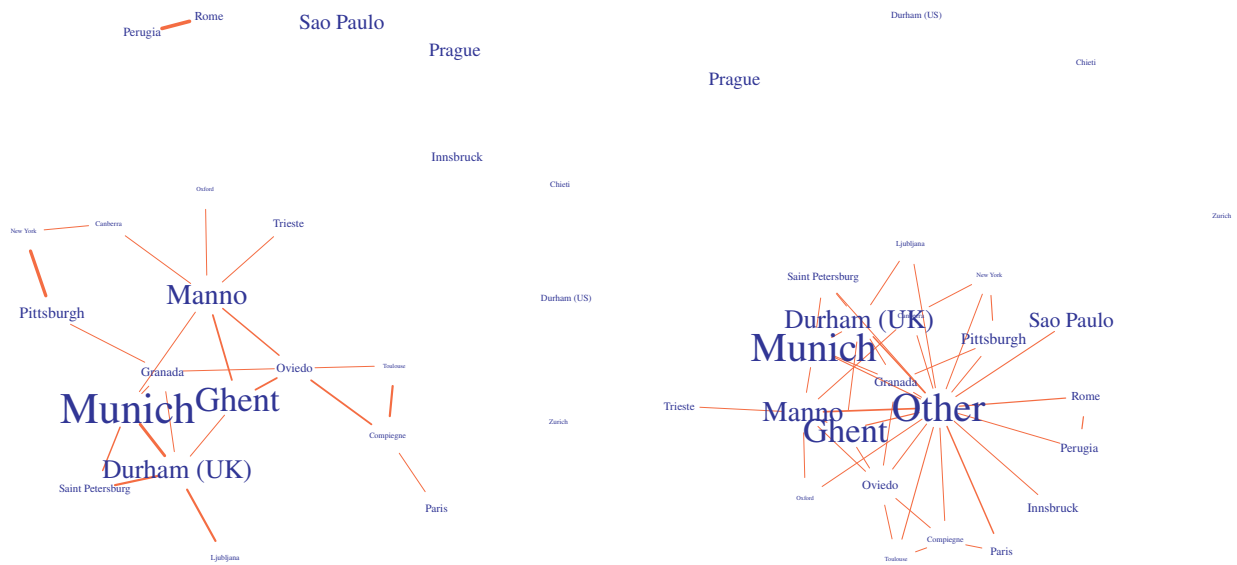


Figure 7: Complete collaboration network on level of authors' affiliated location (magnified version)



(a) Cities with a contribution count of less than 5 are omitted. (b) Cities with a contribution count of less than 5 are subsumed under city *Other*. The font size for *Other* was slightly reduced for visual and placement reasons.

Figure 8: Collaborations between authors' affiliated cities. The font size is proportional to the paper contribution of the city.

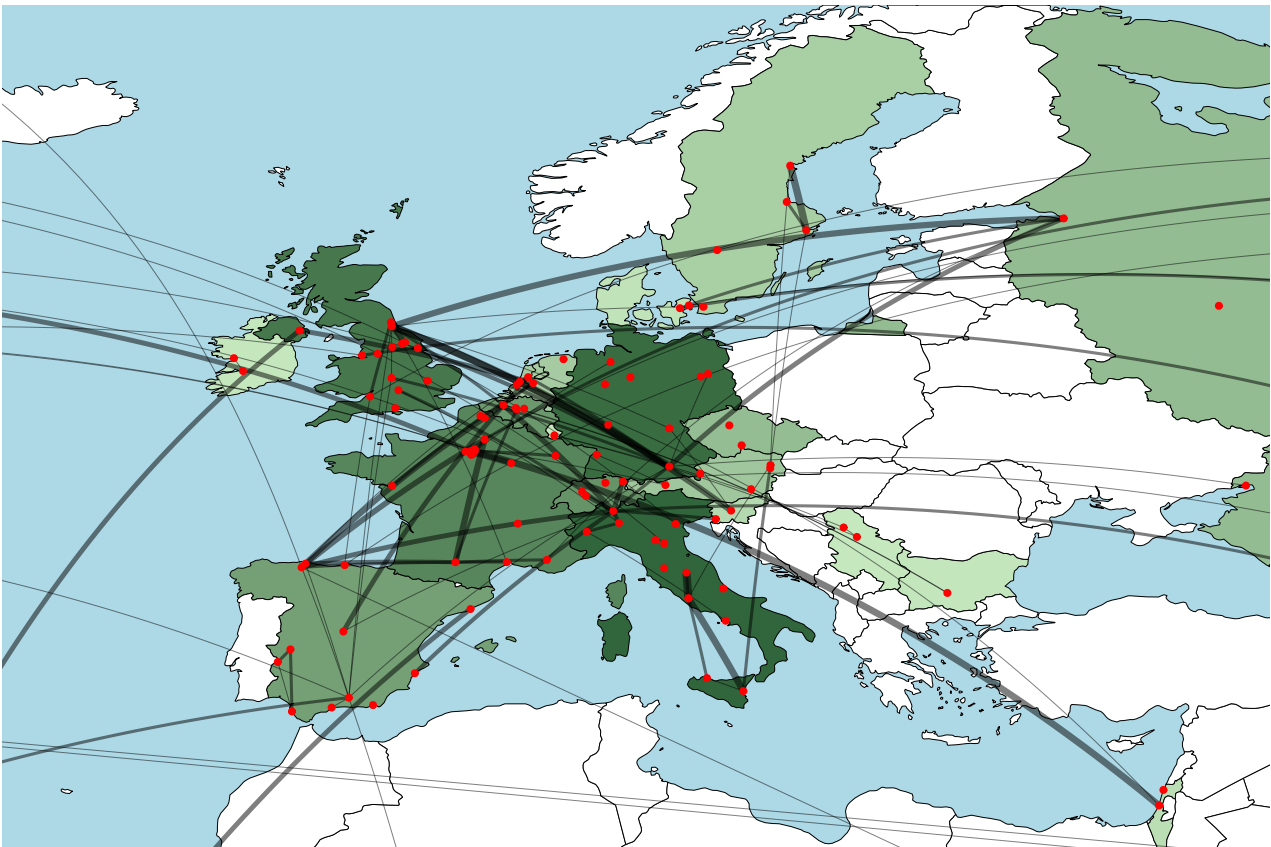


Figure 9: Collaboration network clipped to Europe: A darker colour indicates more contributions, authors' locations are red dots and collaborations are marked by lines (the thicker the line, the more collaborations).

2. Additional Tables

Table 1: Keywords attached to at least 10 different papers

Keywords	Paper count
imprecise probability	89
coherence	34
belief function	29
credal set, natural extension	25
random set	23
credal network	19
imprecise dirichlet model, uncertainty	18
classification, lower prevision	15
interval probability	14
coherent lower prevision, conditioning, epistemic irrelevance, linear programming	12
ambiguity, conditional independence, decision making, robustness	11

Table 2: Authors with most overall contributions

Author name	Contribution count
Gert de Cooman, Thomas Augustin	26
Marco Zaffalon	21
Fabio Cozman, Matthias Troffaes	19
Enrique Miranda	16
Jasper de Bock, Lev Utkin	14
Frank Coolen	13
Serafin Moral	12
Barbara Vantaggi	11
Sebastien Destercke	10
Damjan Skulj, Jirina Vejnarova, Marco Cattaneo, Paolo Vicig	9

Table 3: Authors with at least seven coauthors

Author Name	Coauthor count
Thomas Augustin	24
Matthias Troffaes	19
Marco Zaffalon	17
Frank Coolen	15
Alessandro Antonucci, Cassio Campos, Fabio Cozman, Gert de Cooman, Sebastien Destercke	13
Didier Dubois	12
Lev Utkin	11
Enrique Miranda, Ines Couso	9
Denis Maua	8
Damjan Skulj, Erik Quaeghebeur, Giorgio Corani, Jasper de Bock, Serafin Moral	7

Table 4: IDs of authors in the collaboration network

Name	ID	Name	ID	Name	ID
Adriana Castaldo	1	Alain Chateaneuf	2	Alain Vandal	3
Alane Alves Silva	4	Alberto Piatti	5	Alessandro Antonucci	6
Alessandro Facchini	7	Alessandro Giusti	8	Alessio Benavoli	9
Alexander Erreygers	10	Alexander Karlsson	11	Alexander Lepskiy	12
Alfonso Suarez	13	Alice Cicirello	14	Alvaro Henrique Chaim Correia	15
Anatoly Chekh	16	Anbu Yue	17	Andrea Capotorti	18
Andrea Mignatti	19	Andrea Sgarro	20	Andrea Wiencierz	21
Andres Cano	22	Andres Masegosa	23	Andrew Bronevich	24
Angelo Gilio	25	Anna Meldo	26	Anne Kunz	27
Annette Peters	28	Antoine Billot	29	Anton Wallner	30
Antonio Alvarez-Caballero	31	Antonio Salmeron	32	Arkadii Slinko	33
Arnaud Helias	34	Arne Decadt	35	Arno Siebes	36
Aron Larsson	37	Arthur Paul Pedersen	38	Arthur van Camp	39
Astride Aregui	40	Atefeh Keshavarzi farghandi	Za-41	Aziz Omar	42
Barbara Vantaggi	43	Bart Verheij	44	Bernard Bobee	45
Bernard De Baets	46	Bernhard Schmelzer	47	Brett Houlding	48
Brian Hill	49	Brigitte Jaumard	50	Camila Caiado	51
Carolin Strobl	52	Caroline Lynch	53	Cassio Campos	54
Cedric Baudrit	55	Charles Geyer	56	Charles Manski	57
Chiara Corsato	58	Chris Wesseling	59	Christelle Jacob	60
Christofer Waldenstrom	61	Christoph Jansen	62	Christophe Berenguer	63
Cleotilde Gonzalez	64	Cliff Joslyn	65	Cornelia Fuetterer	66
Costanza Torricelli	67	Damjan Skulj	68	Dan Berleant	69
Daniel Jolly	70	Dario Piga	71	Darryl Morrell	72
David Budescu	73	David Harmanec	74	David Mercier	75
David Schmeidler	76	David Sundgren	77	David Timson	78
Davide Petturiti	79	Denis Maua	80	Diarmaid Conaty	81
Didier Dubois	82	Dieter Denneberg	83	Dilip Sarkar	84
Diogo Bezerra	85	Dionissi Aliprantis	86	Dominic Searles	87
Dominique Vasseur	88	Don Barry	89	Donald Bamber	90
Dragan Doder	91	Elena Tsiporkova	92	Elias Moreno	93
Elizabeth Casman	94	Elmar Kriegler	95	Emad Saad	96
Emma Beauxis-Aussalet	97	Enrique Miranda	98	Eran Hanany	99
Eric Chojnacki	100	Eric Lefevre	101	Eric Parent	102
Erik Quaeghebeur	103	Erio Castagnoli	104	Etienne E. Kerre	105
Fabien Chauny	106	Fabio Cozman	107	Fabio Cuzzolin	108
Fabio Maccheroni	109	Fabio Trojani	110	Felipe Aguirre	111
Felipe Trevizan	112	Fernando Campello de Souza	113	Fernando Reche	114
Filip Hermans	115	Francesca Mangili	116	Francesca Vattari	117
Francesco Russo	118	Frank Coolen	119	Frank Hampel	120
Frans Voorbraak	121	Frederic Pichon	122	Frederique Fournier	123
Fulvio Fontini	124	Georg Schollmeyer	125	George Klir	126
George Wilmers	127	Gerald Sheble	128	Gerd Peschl	129
Gernot Kleiter	130	Gero Walter	131	Gert de Cooman	132
Gertrudes Nadler Lins	133	Giorgio Corani	134	Giuliana Regoli	135

Table 4: IDs of authors in the collaboration network (cont.)

Name	ID	Name	ID	Name	ID
Giulianella Coletti	136	Giuseppe Busanello	137	Giuseppe Sanfilippo	138
Glen Meeden	139	Glenn Shafer	140	Granger Morgan	141
Gregory Wheeler	142	Guangtao Fu	143	Hailin Liu	144
Han-Hui Por	145	Harry Crane	146	Helmut Kuechenhoff	147
Helmut Schweiger	148	Henna Bains	149	Henri Prade	150
Hermann Held	151	Horacio Arlo-Costa	152	Hugo Janssen	153
Huguette Reynaerts	154	Ian Vernon	155	Ignacio Montes	156
Igor Kozine	157	Igor Rozenberg	158	Ines Couso	159
Ines Gonzalez-Rodriguez	160	Irwin Goodman	161	Isaac Levi	162
Itzhak Gilboa	163	Jacinto Martin	164	Jack Siegrist	165
Jacob Gledhill	166	Jaime Ide	167	James Dickey	168
Janneke Bolt	169	Jason Konek	170	Jasper de Bock	171
Javier Hernandez	172	Jean-Christophe Vergnaud	173	Jean-Jacques Royer	174
Jean-Marc Bernard	175	Jean-Marc Tallon	176	Jean-Philippe Argaud	177
Jean-Yves Jaffray	178	Jeff Paris	179	Jeffrey Helzner	180
Jesus Martinez-del-Rincon	181	Jianzhong Zhang	182	Jiji Zhang	183
Jim Hall	184	Jim Johansson	185	Jirina Vejnarova	186
Joaquin Abellan	187	Joe Steinhauer	188	Joel Horowitz	189
Joerg Stoye	190	John Kenney	191	John Paul Gosling	192
Jonathan Lawry	193	Jose Arias	194	Jose Rocha	195
Jose Vicente-Perez	196	Joseph Kadane	197	Joyce Cahoon	198
Julia Plass	199	Julian King	200	Julissa Villanueva Llerena	201
Kamal Premaratne	202	Karen Kramer	203	Kari Sentz	204
Karina Delgado	205	Kazuhisa Takemura	206	Ke-Jian Yan	207
Kevin Loquin	208	Klaus Nehring	209	Kurt Weichselberger	210
Lalitha Polpitiya	211	Laurence Dieulle	212	Leandro Rego	213
Leliane Barros	214	Leliane de Barros	215	Leonardo Cella	216
Lev Utkin	217	Lewis Paton	218	Lilith Mattei	219
Linda van der Gaag	220	Liyao Ma	221	Love Ekenberg	222
Luciano Sanchez	223	Luis Raul Pericchi	224	Luisa Ebner	225
Lukas Wurzer	226	Malcolm Farrow	227	Manohar Murthi	228
Manohar N. Murthi	229	Manuel Gomez	230	Manuel Gomez-Olmedo	231
Marc Fischer	232	Marcello Basili	233	Marcello Mastroleo	234
Marco Baiocchi	235	Marco Cattaneo	236	Marco Zaffalon	237
Marcus Hutter	238	Marcus Poggi de Aragao	239	Maria Eglee Perez	240
Mark Ducey	241	Mark Schervish	242	Marshall Abrams	243
Marston Conder	244	Massimo Marinacci	245	Mathieu Couplet	246
Mathieu Dancre	247	Mats Danielson	248	Matthias Scheutz	249
Matthias Troffaes	250	Matthieu Hourbracq	251	Max Nendel	252
Maxim Kovalev	253	Meglana Jeleva	254	Michael Balch	255
Michael Beer	256	Michael Goldstein	257	Michael Oberguggenberger	258
Michael Obermeier	259	Michael Smithson	260	Michel Grabisch	261
Michele Cohen	262	Michele Vanmaele	263	Mikael Andersson	264
Mikelis Bickis	265	Milan Daniel	266	Milan Studeny	267
Mingqiang Zhang	268	Minh Ha-Duong	269	Mohamed Sallak	270
Mohamud Hussein	271	Morgane Cheve	272	Natan T'Joens	273
Nathalie Perrot	274	Nathan Huntley	275	Nawapon Nakharutai	276
Nenad Savic	277	Nic Wilson	278	Nicholas Syring	279

Table 4: IDs of authors in the collaboration network (cont.)

Name	ID	Name	ID	Name	ID
Nigel Boatman	280	Niki Pfeifer	281	Norbert Schoening	282
Olivier Strauss	283	Pablo Fierens	284	Paola Castellan	285
Paolo Ghirardato	286	Paolo Vicig	287	Patrick Schwaferts	288
Paul Campbell	289	Paul Fink	290	Paul Snow	291
Paul Watton	292	Pauline Coolen-Schrijner	293	Pedro Gil	294
Pei Wang	295	Peter Gillett	296	Peter Harremoes	297
Peter Klibanoff	298	Peter Wakker	299	Peter Walley	300
Philippe Leray	301	Philippe Nivlet	302	Philippe Smets	303
Pierre Hansen	304	Pierre-Henri Wuillemain	305	Prakash Shenoy	306
Radim Jirousek	307	Radu Lazar	308	Rafael Nunez	309
Ralph Bruehlmann	310	Raphael Giraud	311	Rebecca Baker	312
Renato Pelessoni	313	Ricardo Shirota	314	Ricardo Shirota Filho	315
Richard Crossman	316	Richard Scherl	317	Rineke Verbrugge	318
Rob de Wit	319	Robert Hable	320	Robert Nau	321
Robert Winkler	322	Robin Christian	323	Robin Langley	324
Rocco De Rosa	325	Rolf Haenni	326	Romain Guillaume	327
Romano Scozzafava	328	Ronald Yager	329	Ronan Congar	330
Ronnie Johansson	331	Rudolf Seising	332	Ruggero Frezza	333
Ruobin Gong	334	Ryan Martin	335	Salem Benferhat	336
Salma Smaoui	337	Scott Ferson	338	Seamus Bradley	339
Sebastian Maass	340	Sebastien Destercke	341	Ser Tong Quek	342
Serafin Moral	343	Serena Doria	344	Sergey Gurov	345
Shoumei Li	346	Silja Renooij	347	Silvia Muzzioli	348
Simon Blake	349	Simon Marshall	350	Simon Pittschmann	351
Stavros Lopatzidis	352	Stefan Arnborg	353	Sten Andler	354
Stephen Broomell	355	Steven Parkinson	356	Sujoy Mukerji	357
Sun Yi	358	Susana Montes	359	Sven-Hendrik Lossin	360
Svetlana Zatenko	361	Sylvain Perron	362	Tahani Maturi	363
Tathagata Basu	364	Teddy Seidenfeld	365	Teresa Piovesan	366
Terrence Fine	367	Thiago Bueno	368	Thierry Denoeux	369
Thijs van Ommen	370	Thomas Augustin	371	Thomas Bartos	372
Thomas Fetz	373	Thomas Krak	374	Thomas Lukasiewicz	375
Tom Sterkenburg	376	Tomas Kroupa	377	Tu Duong Le Duy	378
Tzur Karelitz	379	Ugis Bickis	380	Ullrika Sahlin	381
Vaclav Kratochvil	382	Varun Dutt	383	Veronica Biazzo	384
Veselka Boeva	385	Victor Krymsky	386	Victor Richmond Jose	387
Vincent Fortin	388	Vladislav Bina	389	Volker Kraetschmer	390
Weiru Liu	391	Wynn Stirling	392	Xuecheng Liu	393
Xun Wang	394	Yakov Ben-Haim	395	Yonatan Carlos Carranza Alarcon	396
Yongchuan Tang	397	Yulia Zhuk	398	Zoran Ognjanovic	399

Table 5: IDs of cities in the collaboration network

City	ID	City	ID	City	ID
Abu Dhabi	1	Alicante	2	Almeria	3
Ames	4	Amsterdam	5	Auckland	6
Badajoz	7	Barcelona	8	Bayreuth	9
Beijing	10	Belfast	11	Belgrade	12
Berlin	13	Berne	14	Bethune	15
Bielefeld	16	Binghamton	17	Birmingham	18
Bloomington	19	Bologna	20	Bremen	21
Bristol	22	Brussels	23	Buenos Aires	24
Bühl	25	Caceres	26	Cadarache	27
Cadiz	28	Cambridge	29	Canberra	30
Caracas	31	Caruaru	32	Catania	33
Chatenay-Malabry	34	Chieti	35	Clamart	36
Cleveland	37	Compiègne	38	Concord	39
Coral Gables	40	Davis	41	Delft	42
Durham (UK)	43	Durham (US)	44	Evanston	45
Frankfurt (Main)	46	Gaevle	47	Galway	48
Ghent	49	Gijon	50	Granada	51
Graz	52	Groningen	53	Guangzhou	54
Haifa	55	Hangzhou	56	Hanover	57
Hong Kong	58	Innsbruck	59	Iowa City	60
Ithaca	61	Jinan	62	Jindrichuv Hradec	63
Jouy-en-Josas	64	Kingston upon Hull	65	Kongens Lyngby	66
Lawrence	67	Laxenburg	68	Leeds	69
Leiden	70	Lens	71	Leuven	72
Limerick	73	Liverpool	74	Ljubljana	75
Los Alamos	76	Los Angeles	77	Lower Hutt	78
Lund	79	Luxembourg	80	Malaga	81
Manchester	82	Manno	83	Milan	84
Minneapolis	85	Modena	86	Montpellier	87
Montreal	88	Moscow	89	Mostoles	90
Munich	91	Nantes	92	Naples	93
New Rochelle	94	New York	95	Newark	96
Newcastle Upon Tyne	97	Novi Sad	98	Orsay	99
Ottawa	100	Oviedo	101	Oxford	102
Padova	103	Palaiseau	104	Palermo	105
Paris	106	Pasadena	107	Perugia	108
Piscataway	109	Pittsburgh	110	Plovdiv	111
Ponta Grossa	112	Potsdam	113	Prague	114
Provo	115	Raleigh	116	Recife	117
Rio De Janeiro	118	Roma	119	Rome	120
Roskilde	121	Rueil-Malmaison	122	Saint Gallen	123
Saint Petersburg	124	Saint-Denis	125	Saint-Etienne	126
Sainte-Foy	127	Salzburg	128	San Diego	129
Sand Hutton	130	Santander	131	Sao Paulo	132
Saskatoon	133	Setauket	134	Siena	135
Singapore	136	Skovde	137	Somerville	138
Southampton	139	St. Louis	140	Stockholm	141
Sundsvall	142	Taganrog	143	Tel Aviv	144

Table 5: IDs of cities in the collaboration network (cont.)

City	ID	City	ID	City	ID
Tempe	145	Thiverval-Grignon	146	Thun	147
Torino	148	Toulouse	149	Trieste	150
Troyes	151	Tsukuba	152	Ufa	153
University Park	154	Urbana-Champaign	155	Utrecht	156
Vandoeuvre	157	Varenes	158	Vienna	159
Villetaneuse	160	Warwick	161	Wemmel	162
West Long Branch	163	York	164	Zurich	165