

Communities ID Cards

This document gather the “ID Cards” of the CC communities found within your database.

The CC network was built by keeping a link between articles sharing at least 5 references. The communities characterized here correspond to the ones found in the level 1 (in the sense of the Louvain algo) which gathers more than 0 articles.

These ID cards displays the most frequent keywords, subject categories, journals of publication, institution, countries, authors, references and reference journals of the articles of each community. The significance of an item $\sigma = \sqrt{N}(f - p) / \sqrt{p(1 - p)}$ [where N is the number of articles within the community and f and p are the proportion of articles respectively within the community and within the database displaying that item] is also given (for example $\sigma > 5$ is really highly significant). The tf-idf value which can be calculated by $tf - idf = f * \log(frac{1}{p})$ is also given.

Table 1: The community 4 - “SUPPLY CHAIN MANAGEMENT” contains $N = 53$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/32$

Keyword	f(%)	tf-idf
SUPPLY CHAIN MANAGEMENT	25.49	0.55
BUYER-SUPPLIER RELATIONSHIPS	10.03	0.42
SUPPLY CHAIN INTEGRATION	9.42	0.40
SUPPLY MANAGEMENT	8.70	0.34
TRUST	6.55	0.31
EMPIRICAL RESEARCH	10.85	0.27
STRUCTURAL EQUATION MODELING	6.76	0.25
CHINA	4.61	0.23
PERFORMANCE	5.22	0.20
PRODUCT DEVELOPMENT	5.02	0.18
OUTSOURCING	4.91	0.18
PURCHASING	3.99	0.16
SOCIAL CAPITAL	2.97	0.16
OPERATIONS STRATEGY	5.53	0.15
SUPPLIER INTEGRATION	2.87	0.15
OPERATIONAL PERFORMANCE	2.87	0.15
SOCIAL EXCHANGE THEORY	2.15	0.13
RELATIONSHIP COMMITMENT	2.15	0.13
INTERNAL INTEGRATION	2.05	0.12
SURVEY RESEARCH	2.66	0.12
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	93.29	18.25
Engineering, Manufacturing	6.71	-18.26
Journal	f(%)	σ
J OPER MANAG	91.96	24.68
PROD OPER MANAG	6.71	-18.26
M&SOM-MANUF SERV OP	1.32	-10.88

Institution	f(%)	σ
DEPT MANAGEMENT	5.30	38.41
MICHIGAN STATE UNIV	3.36	31.44
COLL BUSINESS ADM	3.16	31.01
COLL BUSINESS	2.75	23.58
DEPT SUPPLY CHAIN MANAGEMENT	2.75	36.83
ARIZONA STATE UNIV	2.55	30.30
SCH MANAGEMENT	2.34	18.36
OHIO STATE UNIV	2.04	25.88
FISHER COLL BUSINESS	1.93	26.02
WP CAREY SCH BUSINESS	1.83	26.27
DEPT MANAGEMENT SCI	1.73	22.39
ELI BROAD GRAD SCH MANAGEMENT	1.73	21.89
DEPT MKT & SUPPLY CHAIN MANAGEMENT	1.63	21.53
UNIV MINNESOTA	1.53	14.61
SCH BUSINESS	1.43	12.43
UNIV WESTERN ONTARIO	1.32	22.51
INDIANA UNIV	1.32	16.02
CARLSON SCH MANAGEMENT	1.32	16.37
LONDON	1.32	22.51
COLL MANAGEMENT	1.22	13.85
Country	f(%)	σ
Usa	25.46	59.13
Canada	2.95	21.78
Peoples r china	2.04	16.05
England	1.83	18.80
Spain	0.81	12.02
Netherlands	0.81	9.35
Italy	0.61	14.96
Australia	0.51	10.11
Switzerland	0.41	9.45
South korea	0.31	5.39
Author	f(%)	σ
Huo BF	4.07	18.79
Zhao XD	4.07	15.08
Narasimhan R	3.97	6.27
Paulraj A	3.26	10.28
Chen IJ	3.26	10.28
Benton WC	2.95	6.46
Swink M	2.95	3.87
Handley SM	2.95	7.19
Flynn BB	2.75	9.14
Rosenzweig ED	2.44	3.39

Reference	f(%)	σ
Fornell C, 1981, J MARKETING RES (18), 39	39.78	299.21
Armstrong JS, 1977, J MARKETING RES (14), 396	35.30	312.59
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	33.67	297.44
Frohlich MT, 2001, J OPER MANAG (19), 185	33.27	364.61
Anderson JC, 1988, PSYCHOL BULL (103), 411	30.52	272.62
Carr AS, 1999, J OPER MANAG (17), 497	29.20	349.55
Dyer JH, 1998, ACAD MANAGE REV (23), 660	28.08	298.96
Podsakoff PM, 1986, J MANAGE (12), 531	25.64	245.60
Bagozzi RP, 1991, ADMIN SCI QUART (36), 421	22.48	252.64
O’leary-kelly SW, 1998, J OPER MANAG (16), 387	21.57	245.17
Barney J, 1991, J MANAGE (17), 99	20.55	183.37
Vickery SK, 2003, J OPER MANAG (21), 523	20.35	301.16
Chen IJ, 2004, J OPER MANAG (22), 119	20.14	285.88
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	19.63	173.55
Bollen kenneth A, 1989, STRUCTURAL EQUATIONS (0), 0	19.02	192.95
Petersen KJ, 2005, J OPER MANAG (23), 371	18.92	288.60
Rosenzweig ED, 2003, J OPER MANAG (21), 437	18.31	291.40
Narasimhan R, 2002, J OPER MANAG (20), 303	17.09	276.23
Paulraj A, 2008, J OPER MANAG (26), 45	16.68	299.33
Heide JB, 1990, J MARKETING RES (27), 24	16.38	265.87
Anderson E, 1992, J MARKETING RES (29), 18	16.38	264.48
Krause DR, 1999, J OPER MANAG (17), 205	16.28	258.50
Miller JG, 1994, MANAGE SCI (40), 285	16.17	156.80
Narasimhan R, 1998, DECISION SCI (29), 579	15.56	237.97
Morgan RM, 1994, J MARKETING (58), 20	15.46	225.46
RefJournal	f(%)	σ
J OPER MANAG	28.59	94.62
MANAGE SCI	25.23	59.32
ACAD MANAGE REV	22.08	87.51
HARVARD BUS REV	21.87	74.56
STRATEGIC MANAGE J	21.67	87.33
DECISION SCI	21.26	80.05
ACAD MANAGE J	20.14	84.79
J MARKETING RES	19.53	84.59
ADMIN SCI QUART	17.19	81.32
J OPERATIONS MANAGEM	16.68	71.48

Table 2: The community 2 - “QUALITY MANAGEMENT” contains $N = 43$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/27$

Keyword	f(%)	tf-idf	Institution	f(%)	σ
QUALITY MANAGEMENT	23.44	0.73	DEPT MANAGEMENT	5.84	36.81
PERFORMANCE	9.43	0.36	UNIV MINNESOTA	4.21	36.34
EMPIRICAL RESEARCH	14.42	0.36	CARLSON SCH MANAGEMENT	3.40	37.40
SIX SIGMA	6.80	0.32	COLL BUSINESS	3.12	23.33
CONTINGENCY THEORY	6.66	0.30	COLL BUSINESS ADM	2.72	22.99
TOTAL QUALITY MANAGEMENT	6.24	0.29	MICHIGAN STATE UNIV	2.58	20.71
QUALITY	7.35	0.28	SCH BUSINESS	1.90	14.66
EVENT STUDY	4.99	0.27	ARIZONA STATE UNIV	1.77	17.98
BEST PRACTICE	3.74	0.23	SCH MANAGEMENT	1.49	9.78
LEAN PRODUCTION	4.85	0.23	DEPT SUPPLY CHAIN MANAGEMENT	1.49	17.05
CONTINGENCY RESEARCH	3.74	0.22	OHIO STATE UNIV	1.49	16.27
THEORY DEVELOPMENT	3.74	0.19	OPERAT & MANAGEMENT SCI DEPT	1.49	25.15
PROCESS IMPROVEMENT	3.47	0.18	FISHER COLL BUSINESS	1.36	15.63
ENVIRONMENTAL UNCERTAINTY	3.33	0.17	EMORY UNIV	1.36	17.73
EMPIRICAL RESEARCH METHODS	4.16	0.17	CLEMSON UNIV	1.22	16.99
TQM	3.19	0.17	DEPT MANAGEMENT SCI	1.22	13.50
MANUFACTURING STRATEGY	4.02	0.16	ELI BROAD GRAD SCH MANAGEMENT	1.22	13.19
ORGANIZATIONAL STRUCTURE	2.64	0.15	INDIANA UNIV	1.22	12.76
STRUCTURAL EQUATION MODELING	4.02	0.15	HONG KONG POLYTECH UNIV	1.09	16.24
META-ANALYSIS	2.77	0.15	KELLEY SCH BUSINESS	1.09	12.08
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	26.49	53.41
Management	84.92	11.01	Canada	2.99	19.10
Engineering, Manufacturing	15.08	-11.02	Peoples r china	2.31	15.89
			England	2.17	19.45
			Spain	1.36	17.73
			Netherlands	1.09	11.03
			Portugal	0.82	18.96
			South korea	0.68	10.92
			Australia	0.68	11.81
			Italy	0.54	11.48
Journal	f(%)	σ	Author	f(%)	σ
J OPER MANAG	82.88	16.42	Schroeder RG	11.01	17.69
PROD OPER MANAG	15.08	-11.02	Linderman K	6.66	13.77
M&SOM-MANUF SERV OP	2.04	-8.84	Sousa R	4.35	18.80
			Nair A	4.21	11.52
			Voss CA	3.67	16.55
			Yeung ACL	3.67	10.48
			Shah R	3.53	10.15
			Ward PT	3.26	6.87
			Swink M	3.12	3.75
			Zhang DL	2.99	15.78

Reference	f(%)	σ
Flynn B B, 1994, Journal of Operations Management (11), 0	44.16	400.52
Powell TC, 1995, STRATEGIC MANAGE J (16), 15	41.17	399.58
Flynn BB, 1995, DECISION SCI (26), 659	33.42	363.83
Dow D, 1999, PROD OPER MANAG (8), 1	32.61	387.41
Samson D, 1999, J OPER MANAG (17), 393	31.66	372.28
Ahire SL, 1996, DECISION SCI (27), 23	29.62	315.64
Kaynak H, 2003, J OPER MANAG (21), 405	25.41	350.07
Shah R, 2003, J OPER MANAG (21), 129	23.91	313.89
Cua KO, 2001, J OPER MANAG (19), 675	23.78	330.88
Choi TY, 1998, J OPER MANAG (17), 59	23.37	328.42
Hendricks KB, 1997, MANAGE SCI (43), 1258	23.10	325.32
Saraph JV, 1989, DECISION SCI (20), 810	22.83	282.66
Dean JW, 1994, ACAD MANAGE REV (19), 392	21.06	284.94
Fornell C, 1981, J MARKETING RES (18), 39	20.38	132.11
Sitkin SB, 1994, ACAD MANAGE REV (19), 537	20.38	281.85
Hackman JR, 1995, ADMIN SCI QUART (40), 309	19.43	254.08
Anderson JC, 1994, ACAD MANAGE REV (19), 472	19.29	244.17
Benson PG, 1991, MANAGE SCI (37), 1107	18.89	307.13
Sousa R, 2002, J OPER MANAG (20), 91	18.75	350.18
Anderson JC, 1995, DECISION SCI (26), 637	18.61	271.07
Sousa R, 2001, PROD OPER MANAG (10), 383	17.80	279.64
Hendricks KB, 2001, J OPER MANAG (19), 269	17.80	304.08
Amundson SD, 1998, J OPER MANAG (16), 341	17.12	241.82
Ahire SL, 2000, J OPER MANAG (18), 549	16.17	278.37
Deming WE, 1986, OUT CRISIS (0), 0	16.03	196.32
RefJournal	f(%)	σ
J OPER MANAG	30.98	88.93
MANAGE SCI	26.77	54.67
ACAD MANAGE REV	23.51	80.76
DECISION SCI	23.23	75.90
STRATEGIC MANAGE J	21.47	74.85
HARVARD BUS REV	21.33	62.86
ACAD MANAGE J	21.06	76.80
Journal of Operations Management	20.79	89.78
J OPERATIONS MANAGEM	20.38	75.98
PROD OPER MANAG	19.29	50.64

Table 3: The community 1 - “OPERATIONS STRATEGY” contains $N = 42$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/23$

Keyword	f(%)	tf-idf	Institution	f(%)	σ
OPERATIONS STRATEGY	22.93	0.64	DEPT MANAGEMENT	7.06	50.01
MANUFACTURING STRATEGY	15.55	0.62	MICHIGAN STATE UNIV	4.34	39.64
EMPIRICAL RESEARCH	23.81	0.59	COLL BUSINESS ADM	4.02	38.47
TAXONOMY	4.41	0.24	COLL BUSINESS	3.58	30.08
SUPPLY CHAIN MANAGEMENT	9.70	0.21	UNIV MINNESOTA	3.04	29.08
TECHNOLOGY MANAGEMENT	4.85	0.21	ELI BROAD GRAD SCH MANAGEMENT	2.39	29.52
COMPETITIVE CAPABILITIES	3.64	0.20	CARLSON SCH MANAGEMENT	2.39	29.20
ADVANCED MANUFACTURING TECHNOLOGIES	2.98	0.19	OHIO STATE UNIV	2.17	26.77
CUMULATIVE CAPABILITIES	2.98	0.18	DEPT MANAGEMENT SCI	1.95	24.57
RESOURCE-BASED VIEW	3.53	0.17	DEPT MKT & SUPPLY CHAIN MANAGEMENT	1.95	25.15
MANUFACTURING CAPABILITIES	2.65	0.17	INDIANA UNIV	1.95	23.26
MEASUREMENT AND METHODOLOGY	3.20	0.17	SCH MANAGEMENT	1.85	13.77
TRADE-OFFS	2.43	0.16	FISHER COLL BUSINESS	1.85	24.01
TRADEOFFS	2.32	0.15	KELLEY SCH BUSINESS	1.74	22.02
FLEXIBILITY	3.53	0.15	CLEMSON UNIV	1.63	25.51
META-ANALYSIS	2.65	0.14	UNIV N CAROLINA	1.63	16.88
OPERATIONS MANAGEMENT	3.64	0.13	DEPT SUPPLY CHAIN MANAGEMENT	1.52	19.41
CONTINGENCY THEORY	2.98	0.13	LONDON BUSINESS SCH	1.52	28.62
EMPIRICAL RESEARCH METHODS	3.31	0.13	UNIV S CAROLINA	1.52	25.12
HIGH-TECH MANUFACTURING	1.98	0.12	COLL MANAGEMENT	1.41	15.61
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	30.94	70.44
Management	72.13	4.15	England	3.04	30.77
Engineering, Manufacturing	27.87	-4.15	Canada	2.39	16.83
			Peoples r china	1.95	14.87
			Spain	0.98	14.09
			Italy	0.65	15.47
			France	0.65	7.43
			Finland	0.65	21.32
			South korea	0.54	9.66
			Netherlands	0.54	5.78
Journal	f(%)	σ	Author	f(%)	σ
J OPER MANAG	69.96	10.52	Rosenzweig ED	9.65	23.05
PROD OPER MANAG	27.87	-4.15	Swink M	6.94	13.84
M&SOM-MANUF SERV OP	2.17	-9.77	Roth AV	6.83	8.31
			Boyer KK	6.51	16.27
			Schroeder RG	6.40	9.71
			Verma R	3.25	8.18
			Ward PT	2.93	6.61
			Narasimhan R	2.71	2.96
			Pagell M	2.49	6.26
			Easton GS	2.39	13.26

Reference	f(%)	σ
Miller JG, 1994, MANAGE SCI (40), 285	38.61	363.86
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	37.96	422.08
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	34.92	350.11
Flynn B B, 1990, J OPERATIONS MANAGEM (9), 250	26.57	287.64
Hayes r H, 1996, PRODUCTION OPERATION (5), 25	24.73	378.02
Schmenner RW, 1998, J OPER MANAG (17), 97	23.64	284.63
Boyer KK, 2002, PROD OPER MANAG (11), 9	23.54	337.21
Swamidass PM, 1987, MANAGE SCI (33), 509	23.21	253.95
Vickery SK, 1993, DECISION SCI (24), 435	21.58	277.64
Skinner W, 1969, HARVARD BUS REV (47), 136	20.72	283.45
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	20.50	175.53
Safizadeh MH, 1996, MANAGE SCI (42), 1576	20.39	266.99
Noble MA, 1995, DECISION SCI (26), 693	19.85	346.62
Gerwin D, 1993, MANAGE SCI (39), 395	19.31	237.40
Safizadeh MH, 2000, PROD OPER MANAG (9), 111	18.22	342.62
Rosenzweig ED, 2004, PROD OPER MANAG (13), 354	18.11	267.62
Barney J, 1991, J MANAGE (17), 99	17.90	154.52
Fornell C, 1981, J MARKETING RES (18), 39	17.79	128.89
Malhotra MK, 1998, J OPER MANAG (16), 407	17.57	233.15
Ward PT, 1998, DECISION SCI (29), 1035	17.46	312.25
Skinner W, 1996, PRODUCTION OPERATION (5), 3	17.35	288.27
Flynn BB, 1999, J OPER MANAG (17), 249	17.03	310.31
Giffi C, 1990, COMPETING WORLD CLAS (0), 0	16.92	272.24
Boyer K K, 1997, Journal of Operations Management (15), 0	16.81	269.74
Bollen kenneth A, 1989, STRUCTURAL EQUATIONS (0), 0	16.70	163.96
RefJournal	f(%)	σ
J OPER MANAG	32.54	104.69
MANAGE SCI	31.45	72.58
HARVARD BUS REV	26.79	89.05
STRATEGIC MANAGE J	25.92	101.64
ACAD MANAGE REV	25.27	97.36
J OPERATIONS MANAGEM	24.62	103.19
DECISION SCI	24.19	88.53
ACAD MANAGE J	21.58	88.15
INT J OPER PROD MAN	20.50	91.48
PROD OPER MANAG	20.28	59.74

Table 4: The community 7 - “SERVICE OPERATIONS” contains $N = 24$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/16$

Keyword	f(%)	tf-idf	Institution	f(%)	σ
SERVICE OPERATIONS	32.69	0.96	DEPT MANAGEMENT	5.13	20.95
E-COMMERCE	11.22	0.53	MICHIGAN STATE UNIV	4.17	22.11
E-SERVICES	9.62	0.47	UNIV MINNESOTA	3.85	21.56
CUSTOMER SATISFACTION	9.29	0.40	CLEMSON UNIV	3.53	32.53
SERVICE OPERATIONS MANAGEMENT	8.33	0.39	SCH MANAGEMENT	3.53	15.92
MIS/OPERATIONS INTERFACE	6.41	0.37	COLL BUSINESS & BEHAV SCI	2.88	37.79
LOGISTICS/DISTRIBUTION	6.41	0.33	SCH BUSINESS	2.88	14.77
NEW SERVICE DEVELOPMENT	5.45	0.30	ARIZONA STATE UNIV	2.56	17.20
SERVICE DESIGN	4.81	0.26	COLL BUSINESS	2.56	12.35
OPERATIONS STRATEGY	8.01	0.22	CARLSON SCH MANAGEMENT	2.56	18.28
EMPIRICAL RESEARCH	8.97	0.22	WP CAREY SCH BUSINESS	2.56	20.86
SERVICE RECOVERY	4.17	0.22	UNIV N CAROLINA	2.24	13.72
SERVICE COPRODUCTION	3.21	0.21	UNIV UTAH	2.24	25.34
SERVICE DELIVERY SYSTEM	3.21	0.19	DEPT SUPPLY CHAIN MANAGEMENT	2.24	16.87
SERVICE QUALITY	4.17	0.19	DAVID ECCLES SCH BUSINESS	2.24	25.34
ARCHIVAL DATA	3.21	0.19	INDIANA UNIV	2.24	15.61
INTERNET RETAILING	2.56	0.18	COLL BUSINESS ADM	2.24	12.26
MARGINS	2.56	0.18	UNIV WESTERN ONTARIO	1.92	18.58
PHYSICAL SERVICE DISTRIBUTION	2.56	0.18	KENAN FLAGLER BUSINESS SCH	1.92	13.60
DROP-SHIPING	2.56	0.18	RICHARD IVEY SCH BUSINESS	1.92	19.33
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	37.50	50.17
Management	58.65	-2.60	Canada	3.85	16.20
Engineering, Manufacturing	41.35	2.59	England	2.56	15.03
			Australia	1.60	18.50
			Peoples r china	1.60	6.98
			Switzerland	0.96	12.89
			Spain	0.96	8.06
			Netherlands	0.64	4.05
			South korea	0.64	6.69
			Portugal	0.32	4.73
Journal	f(%)	σ	Author	f(%)	σ
J OPER MANAG	52.24	-0.15	Rabinovich E	14.42	23.78
PROD OPER MANAG	41.35	2.59	Roth AV	13.78	12.64
M&SOM-MANUF SERV OP	6.41	-3.46	Menor LJ	7.05	11.76
			Field JM	5.13	16.73
			Verma R	5.13	8.42
			Froehle CM	4.81	12.21
			Karwan KR	3.53	14.34
			Rao S	3.21	9.85
			Sinha KK	3.21	8.34
			Sampson SE	3.21	7.81

Reference	f(%)	σ
Roth AV, 2003, PROD OPER MANAG (12), 145	47.76	375.92
Boyer KK, 2002, J OPER MANAG (20), 175	33.33	343.95
Kellogg DL, 1995, MANAGE SCI (41), 1734	28.85	293.70
Roth AV, 1995, MANAGE SCI (41), 1720	25.32	207.25
Goldstein SM, 2002, J OPER MANAG (20), 121	20.51	284.91
Hill AV, 2002, J OPER MANAG (20), 189	20.19	267.30
Rabinovich E, 2004, J OPER MANAG (21), 651	18.91	298.84
Fornell C, 1981, J MARKETING RES (18), 39	18.91	79.76
Thirumalai S, 2005, J OPER MANAG (23), 291	18.91	283.20
Cook LS, 2002, J OPER MANAG (20), 159	18.91	256.25
Chase RB, 1981, OPER RES (29), 698	18.59	181.48
Kellogg d L, 1995, Journal of Operations Management (13), 0	18.27	251.73
Chase RB, 1983, MANAGE SCI (29), 1037	18.27	186.27
Menor LJ, 2002, J OPER MANAG (20), 135	18.27	250.35
Froehle CA, 2004, J OPER MANAG (22), 1	18.27	205.39
Schmenner RW, 1986, SLOAN MANAGE REV (27), 21	17.63	192.70
Soteriou AC, 1998, J OPER MANAG (16), 495	16.99	255.49
Heim g R, 2001, Manufacturing & Service Operations Management (3), 0	16.99	273.95
Chase RB, 1978, HARVARD BUS REV (56), 137	16.35	182.57
Karmarkar u S, 1995, Journal of Operations Management (12), 0	16.35	272.85
Boyer KK, 2006, J OPER MANAG (24), 124	16.03	251.41
Zeithaml VA, 2002, J ACAD MARKET SCI (30), 362	15.71	226.59
Barney J, 1991, J MANAGE (17), 99	15.38	77.19
Stewart DM, 2003, PROD OPER MANAG (12), 246	15.06	219.34
Stewart DM, 1999, PROD OPER MANAG (8), 240	15.06	202.29
RefJournal	f(%)	σ
MANAGE SCI	37.82	51.22
J OPER MANAG	36.86	69.21
PROD OPER MANAG	31.73	55.36
HARVARD BUS REV	31.73	61.65
J MARKETING	26.60	68.29
ACAD MANAGE REV	25.32	56.75
DECISION SCI	24.04	51.18
J MARKETING RES	24.04	58.94
SLOAN MANAGE REV	20.19	55.25
STRATEGIC MANAGE J	19.87	45.01

Table 5: The community 6 - “EMPIRICAL RESEARCH” contains $N = 18$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/11$

Keyword	f(%)	tf-idf	Institution	f(%)	σ
EMPIRICAL RESEARCH	17.98	0.45	SCH MANAGEMENT	5.24	20.54
OPERATIONS MANAGEMENT	11.40	0.42	GEORGIA INST TECHNOL	4.37	24.05
THEORY BUILDING	7.46	0.39	COLL MANAGEMENT	4.37	24.91
THEORY VERIFYING	5.26	0.32	COLL BUSINESS	4.37	18.39
LABORATORY RESEARCH	5.26	0.32	MICHIGAN STATE UNIV	3.49	15.80
MULTIVARIATE STATISTICAL			DEPT MANAGEMENT	3.49	12.02
TECHNIQUES	5.26	0.32	SCH BUSINESS	3.06	13.44
APPLICATIONS	5.26	0.32	GOIZUETA BUSINESS SCH	2.62	21.00
ARCHIVAL RESEARCH	5.26	0.32	DEPT SUPPLY CHAIN MANAGEMENT	2.62	16.93
OPERATIONS STRATEGY	10.53	0.29	UNIV MINNESOTA	2.62	12.43
ELWOOD SPENCER BUFFA	4.39	0.29	EMORY UNIV	2.62	19.35
QUALITATIVE RESEARCH	5.26	0.29	UNIV TEXAS DALLAS	2.62	18.03
FIELD RESEARCH	5.26	0.29	INSEAD	2.18	14.40
SERVICE	5.26	0.29	SCHULICH SCH BUSINESS	2.18	30.03
E-AUCTION	3.95	0.28	YORK UNIV	2.18	28.62
COLLABORATION AND			UNIV WESTERN ONTARIO	2.18	18.11
COORDINATION	3.95	0.28	UNIV UTAH	2.18	21.12
ENABLERS AND BARRIERS	3.95	0.28	ARIZONA STATE UNIV	2.18	12.49
COMPETITION AND CONFLICT	3.95	0.28	DAVID ECCLES SCH BUSINESS	2.18	21.12
INTERDISCIPLINARY	6.14	0.27	CARLSON SCH MANAGEMENT	2.18	13.28
MANUFACTURING	5.70	0.26			
ENTREPRENEURSHIP	4.39	0.23			
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	43.67	50.37
Engineering, Manufacturing	65.94	10.06	Canada	4.80	17.49
Management	34.06	-10.06	France	2.18	13.28
			Netherlands	1.75	10.12
			England	1.75	8.63
			South korea	1.75	16.04
			Turkey	0.87	8.78
			Portugal	0.87	11.34
			Israel	0.44	5.33
			Singapore	0.44	2.69
Journal	f(%)	σ	Author	f(%)	σ
PROD OPER MANAG	65.94	10.06	Gupta S	17.47	31.31
J OPER MANAG	26.64	-7.89	Singhal J	9.61	15.04
M&SOM-MANUF SERV OP	7.42	-2.51	Singhal K	7.42	12.73
			Starr MK	6.99	17.39
			Subramanian R	5.68	11.78
			Verma R	5.24	7.41
			Sriskandarajah C	5.24	8.84
			Rosenzweig ED	5.24	5.46
			Stratman JK	5.24	10.02
			Victorino L	5.24	13.42
Reference	f(%)	σ	RefJournal	f(%)	σ
Kleindorfer PR, 2005, PROD OPER MANAG (14), 482	44.54	370.87	PROD OPER MANAG	48.47	73.24
Boyer KK, 2005, PROD OPER MANAG (14), 442	37.12	302.98	MANAGE SCI	43.23	50.44
Buhman C, 2005, PROD OPER MANAG (14), 493	36.68	365.24	J OPER MANAG	29.69	47.49
Kouvelis P, 2005, PROD OPER MANAG (14), 450	31.88	374.39	HARVARD BUS REV	29.69	49.34
Krishnan V, 2005, PROD OPER MANAG (14), 433	29.26	324.56	STRATEGIC MANAGE J	23.14	45.10
Schroeder RG, 2005, PROD OPER MANAG (14), 468	26.64	308.10	DECISION SCI	21.83	39.71
Tsikriktis N, 2004, PROD OPER MANAG (13), 216	26.20	269.03	ACAD MANAGE REV	21.40	40.90
Mallick DN, 2005, PROD OPER MANAG (14), 142	25.76	250.01	ACAD MANAGE J	20.09	40.81
Schmidt GM, 2005, PROD OPER MANAG (14), 272	20.09	251.02	PRODUCTION OPERATION	17.47	47.67
Carrillo JE, 2005, PROD OPER MANAG (14), 125	19.21	221.50	ORGAN SCI	17.47	42.70
Rosenzweig ED, 2004, PROD OPER MANAG (13), 354	19.21	141.50			
Heim GR, 2002, PROD OPER MANAG (11), 54	17.47	194.00			
Kreipl S, 2004, PROD OPER MANAG (13), 77	17.03	210.63			
Sousa R, 2001, PROD OPER MANAG (10), 383	16.59	145.40			
Ketokivi M, 2006, PROD OPER MANAG (15), 215	15.72	194.03			
Kleindorfer PR, 2005, PROD OPER MANAG (14), 53	15.72	125.83			
Sroufe R, 2003, PROD OPER MANAG (12), 416	14.85	188.92			
Hendricks KB, 2005, PROD OPER MANAG (14), 35	14.41	107.65			
Field JM, 2004, PROD OPER MANAG (13), 291	14.41	220.50			
Lapre MA, 2004, PROD OPER MANAG (13), 123	13.54	170.25			
Craighead CW, 2004, PROD OPER MANAG (13), 307	13.54	170.16			
Singhal K, 1992, PRODUCTION OPERATION (1), 1	13.54	196.77			
Anand G, 2004, PROD OPER MANAG (13), 369	12.23	123.63			
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	11.79	60.62			
Miller JG, 1994, MANAGE SCI (40), 285	11.79	55.03			

Table 6: The community 9 - “SUPPLY CHAIN MANAGEMENT” contains $N = 17$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/12$

Keyword	f(%)	tf-idf
SUPPLY CHAIN MANAGEMENT	16.07	0.35
RESEARCH AGENDA	6.43	0.32
SUPPLY CHAIN DISRUPTIONS	4.29	0.28
OUTSOURCING	7.50	0.27
OPERATIONS MANAGEMENT	6.79	0.25
HEDGING	3.57	0.25
DISRUPTIVE RISKS	3.21	0.23
OPERATIONAL RISKS	3.21	0.23
PRODUCTION AND OPERATIONS MANAGEMENT	3.57	0.23
INTERORGANIZATIONAL	3.93	0.23
ENTERPRISE TRANSFORMATION	3.93	0.23
ENTERPRISE NETWORKS	3.93	0.23
NETWORK-CENTRIC ENTERPRISE	3.93	0.23
BUSINESS PROCESSES	3.93	0.23
SUPPLY CHAIN INTEGRATION	5.36	0.23
RISK	3.93	0.23
OPERATING RISK	2.50	0.22
OPERATIONS AND RISK	2.50	0.22
DEMAND UNCERTAINTY	3.93	0.22
LITERATURE REVIEW	5.00	0.22

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	66.20	11.29
Management	33.80	-11.30

Journal	f(%)	σ
PROD OPER MANAG	66.20	11.29
J OPER MANAG	27.11	-8.62
M&SOM-MANUF SERV OP	6.69	-3.16

Institution	f(%)	σ
GEORGIA INST TECHNOL	4.59	28.15
COLL MANAGEMENT	4.24	26.88
SCH MANAGEMENT	3.89	16.78
UNIV N CAROLINA	3.53	20.85
COLL BUSINESS ADM	3.18	16.77
DEPT MANAGEMENT	3.18	12.10
INSEAD	2.83	20.84
MICHIGAN STATE UNIV	2.83	14.11
UNIV MICHIGAN	2.47	17.75
COLL BUSINESS	2.47	11.33
CLEMSON UNIV	2.12	18.50
UNIV PENN	2.12	16.83
UNIV MINNESOTA	2.12	11.09
WHARTON SCH	2.12	17.08
UNIV TEXAS	2.12	17.90
GEORGETOWN UNIV	1.77	23.62
KENAN FLAGLER BUSINESS SCH	1.77	11.87
HONG KONG POLYTECH UNIV	1.77	16.55
UNIV TEXAS DALLAS	1.77	13.39
TULANE UNIV	1.77	30.21

Country	f(%)	σ
Usa	46.64	59.95
Canada	4.24	17.08
Peoples r china	3.53	15.41
England	3.18	17.87
France	2.83	19.23
Germany	1.41	14.05
South korea	1.41	14.38
Netherlands	1.06	6.66
Switzerland	1.06	13.56
Australia	0.71	7.63

Author	f(%)	σ
Singhal VR	5.28	12.30
Gupta S	5.28	9.58
Roth AV	5.28	2.95
Singhal J	4.93	7.86
Hendricks KB	4.93	12.41
Anderson EG	4.23	7.26
Kekre S	3.87	10.28
Buhman C	3.87	11.58
Sodhi MS	3.87	13.86
Parker GG	3.52	6.52

Reference	f(%)	σ
Hendricks KB, 2005, PROD OPER MANAG (14), 35	45.07	375.67
Kleindorfer PR, 2005, PROD OPER MANAG (14), 53	39.79	355.14
Gan XH, 2005, PROD OPER MANAG (14), 80	27.82	364.29
Hendricks KB, 2003, J OPER MANAG (21), 501	27.46	245.82
Martinez-de-albeniz V, 2005, PROD OPER MANAG (14), 90	24.30	335.74
Gan XH, 2004, PROD OPER MANAG (13), 135	22.54	312.03
Fisher M, 1997, Production and Operations Management (6), 0	22.54	280.28
Sodhi MS, 2005, PROD OPER MANAG (14), 69	22.54	344.41
Fine CH, 2000, PROD OPER MANAG (9), 213	22.18	218.80
Parker GG, 2002, PROD OPER MANAG (11), 75	21.48	205.40
Gerchak Y, 2004, PROD OPER MANAG (13), 23	17.25	249.64
Lee HL, 1997, MANAGE SCI (43), 546	14.79	94.94
Lederer PJ, 2005, PROD OPER MANAG (14), 21	14.08	246.15
Kraiselburd S, 2004, PROD OPER MANAG (13), 46	12.68	243.92
Boyaci T, 2004, PROD OPER MANAG (13), 3	12.68	217.67
Mallick DN, 2005, PROD OPER MANAG (14), 142	12.32	133.04
Miller LT, 2005, PROD OPER MANAG (14), 5	12.32	226.68
Huchzermeier A, 1996, OPER RES (44), 100	12.32	173.40
Hendricks KB, 2005, MANAGE SCI (51), 695	12.32	138.31
Anderson EG, 2002, PROD OPER MANAG (11), 313	11.97	144.34
Tomlin B, 2006, MANAGE SCI (52), 639	11.97	154.42
Souza GC, 2004, PROD OPER MANAG (13), 34	11.62	204.71
Carrillo JE, 2005, PROD OPER MANAG (14), 125	11.27	144.56
Chopra S, 2004, MIT SLOAN MANAGE REV (46), 53	10.56	134.98
Cachon GP, 2005, MANAGE SCI (51), 30	10.56	127.98

RefJournal	f(%)	σ
MANAGE SCI	48.24	62.92
PROD OPER MANAG	47.54	79.95
J OPER MANAG	28.87	51.38
HARVARD BUS REV	28.87	53.39
STRATEGIC MANAGE J	24.30	52.79
OPER RES	23.24	41.97
ACAD MANAGE REV	21.83	46.50
EUR J OPER RES	19.72	39.65
ORGAN SCI	19.01	51.86
ACAD MANAGE J	18.31	41.32

Table 7: The community 8 - “RESEARCH METHODS” contains $N = 11$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/3$

Keyword	f(%)	tf-idf
RESEARCH METHODS	14.66	0.94
OPERATIONS MANAGEMENT		
RESEARCH	9.48	0.79
SOM CONTENT	9.48	0.72
SOM RESEARCH	9.48	0.72
CITATION ANALYSIS	11.21	0.63
OPERATIONS MANAGEMENT	16.38	0.61
POM JOURNALS	7.76	0.60
RELEVANCE	7.76	0.57
SURVEY RESEARCH	12.07	0.54
SERVICE OPERATIONS MANAGEMENT	11.21	0.53
JOURNAL EVALUATION	6.90	0.46
THEORY BUILDING	8.62	0.46
OM HISTORY	6.03	0.44
METHODOLOGY	6.03	0.41
PRODUCTION AND OPERATIONS		
MANAGEMENT (POM)	4.31	0.36
QUALITATIVE	5.17	0.35
INDUCTIVE	5.17	0.35
DEDUCTIVE	5.17	0.35
TESTING	5.17	0.35
EMPIRICAL RESEARCH	13.79	0.34
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	90.24	5.75
Engineering, Manufacturing	9.76	-5.75
Journal	f(%)	σ
J OPER MANAG	90.24	8.35
PROD OPER MANAG	9.76	-5.75

Institution	f(%)	σ
DEPT MANAGEMENT	9.76	25.44
UNIV WESTERN ONTARIO	5.69	34.91
LONDON	5.69	34.91
RICHARD IVEY SCH BUSINESS	4.88	31.08
DEPT SUPPLY CHAIN MANAGEMENT	4.07	19.39
ARIZONA STATE UNIV	4.07	17.29
UNIV MINNESOTA	3.25	11.39
WAKE FOREST UNIV	3.25	29.96
MICHIGAN STATE UNIV	3.25	10.76
COLL BUSINESS	3.25	9.94
ELI BROAD GRAD SCH MANAGEMENT	3.25	14.78
CARLSON SCH MANAGEMENT	3.25	14.63
LONDON BUSINESS SCH	2.44	16.89
BABCOCK GRAD SCH MANAGEMENT	2.44	25.95
COLL BUSINESS & ECON	2.44	20.04
DEPT MKT & SUPPLY CHAIN		
MANAGEMENT	2.44	11.53
DEPAUL UNIV	2.44	20.04
SCH MANAGEMENT	2.44	6.78
COLL BUSINESS ADM	2.44	8.40
WP CAREY SCH BUSINESS	2.44	12.45
Country	f(%)	σ
Usa	30.08	24.98
Canada	6.50	17.51
England	4.88	18.24
Italy	1.63	14.32
Australia	0.81	5.81
Netherlands	0.81	3.30
Germany	0.81	5.25
Greece	0.81	8.57
Wales	0.81	12.95
South korea	0.81	5.38
Author	f(%)	σ
Choi TY	11.38	10.70
Aguilar-Escobar VG	8.94	42.99
Gonzalez-Zamora MD	8.94	42.99
Machuca JAD	8.94	24.44
Hanna MD	7.32	31.66
Laforge RL	7.32	27.53
Barman S	7.32	38.35
Menor LJ	6.50	6.73
Smunt TL	6.50	26.64
Shafer SM	6.50	27.59

Reference	f(%)	σ
Buffa e S, 1980, J OPERATIONS MANAGEM (1), 1	54.47	414.86
Chase RB, 1980, J OPERATIONS MANAGEM (1), 9	49.59	425.61
Barman S, 1991, J OPERATIONS MANAGEM (10), 194	47.15	424.89
Meredith j R, 1989, J OPERATIONS MANAGEM (8), 297	45.53	331.41
Amoako-gyampah K, 1989, J OPERATIONS MANAGEM (8), 250	44.72	389.03
Barman S, 2001, J OPER MANAG (19), 367	42.28	525.37
Scudder g D, 1998, Journal of Operations Management (16), 0	42.28	301.24
Vokurka RJ, 1996, J OPERATIONS MANAGEM (14), 345	40.65	489.23
Miller JG, 1981, DECISION SCI (12), 547	39.84	365.35
Goh C-H, 1997, J OPERATIONS MANAGEM (15), 123	38.21	521.26
Pannirselvam GP, 1999, J OPER MANAG (18), 95	37.40	311.76
Swamidass PM, 1991, ACAD MANAGE REV (16), 793	33.33	219.67
Malhotra MK, 1998, J OPER MANAG (16), 407	30.08	145.97
Soteriou AC, 1999, J OPER MANAG (17), 225	30.08	520.38
Flynn B B, 1990, J OPERATIONS MANAGEM (9), 250	28.46	112.53
Saladin b A, 1985, OPERATIONS MANAGEMEN (3), 3	25.20	255.58
Young s T, 1996, J OPERATIONS MANAGEM (14), 41	24.39	263.43
Mabert VA, 1982, J OPERATIONS MANAGEM (2), 203	22.76	221.79
Wacker JG, 1998, J OPER MANAG (16), 361	17.07	142.61
Neely A, 1993, International Journal of Operations & Production Management (13), 0	16.26	159.88
Miller JG, 1994, MANAGE SCI (40), 285	16.26	55.76
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	15.45	58.31
Meredith J, 1998, J OPER MANAG (16), 441	15.45	82.49
Ansari A, 1992, INT J OPER PROD MAN (12), 56	15.45	435.06
Goh CH, 1996, OMEGA-INT J MANAGE S (24), 337	15.45	435.06
RefJournal	f(%)	σ
J OPER MANAG	34.96	41.16
J OPERATIONS MANAGEM	33.33	51.31
Journal of Operations Management	23.58	41.72
INT J OPER PROD MAN	21.95	35.83
MANAGE SCI	20.33	16.63
DECISION SCI	19.51	25.91
HARVARD BUS REV	19.51	23.42
ACAD MANAGE REV	19.51	27.26
J MARKETING RES	17.07	26.06
PROD OPER MANAG	15.45	16.36

Table 9: The community 15 - “FLEXIBILITY” contains $N = 9$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/8$

Keyword	f(%)	tf-idf
FLEXIBILITY	32.23	1.36
EMPIRICAL RESEARCH	33.06	0.82
MANUFACTURING FLEXIBILITY	12.40	0.64
OPERATIONS STRATEGY	22.31	0.62
VOLUME FLEXIBILITY	7.44	0.45
ENVIRONMENTAL UNCERTAINTY	8.26	0.41
ENVIRONMENTAL DYNAMISM	5.79	0.39
FIT	5.79	0.35
OPERATIONAL ABSORPTIVE CAPACITY	5.79	0.33
OPERATIONAL AMBIDEXTERITY	4.96	0.33
LATENT MODERATED STRUCTURAL EQUATIONS	4.96	0.33
MEASUREMENT	5.79	0.32
ORGANIZATIONAL-SLACK	4.13	0.29
TRANSFORMATION MODEL	4.13	0.29
MANUFACTURING	5.79	0.26
SUPPLY-CHAIN	4.13	0.26
RESOURCE-BASED THEORY	4.13	0.26
DISRUPTION RISK MITIGATION AND RESPONSE	3.31	0.23
COMPETITIVE PROGRESSION THEORY	3.31	0.23
SUPPLY CHAIN FLEXIBILITY	3.31	0.22
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	74.59	2.08
Engineering, Manufacturing	25.41	-2.08
Journal	f(%)	σ
J OPER MANAG	71.31	4.13
PROD OPER MANAG	25.41	-2.08
M&SOM-MANUF SERV OP	3.28	-3.19

Institution	f(%)	σ
DEPT MANAGEMENT	15.57	40.72
MICHIGAN STATE UNIV	7.38	24.76
COLL BUSINESS ADM	6.56	23.07
COLL BUSINESS	5.74	17.76
DEPT SUPPLY CHAIN MANAGEMENT	4.92	23.42
ELI BROAD GRAD SCH MANAGEMENT	4.92	22.40
SCH BUSINESS	4.92	16.01
DEPT MANAGEMENT SCI	4.10	19.04
ZICKLIN SCH BUSINESS	3.28	39.46
UNIV ARKANSAS	3.28	25.23
DEPT MKT & SUPPLY CHAIN MANAGEMENT	3.28	15.53
UNIV S CAROLINA	3.28	19.95
BALL STATE UNIV	3.28	32.98
SAM M WALTON COLL BUSINESS	2.46	22.53
GOIZUETA BUSINESS SCH	2.46	14.37
MILLER COLL BUSINESS	2.46	31.95
ARIZONA STATE UNIV	2.46	10.30
CUNY BERNARD M BARUCH COLL	2.46	35.02
INDIANA UNIV	2.46	10.72
ELI BROAD COLL BUSINESS	2.46	19.47
Country	f(%)	σ
Usa	44.26	37.28
Canada	4.10	10.82
England	2.46	9.00
Netherlands	1.64	6.91
Italy	1.64	14.38
Singapore	1.64	8.03
France	1.64	7.21
India	0.82	5.84
Australia	0.82	5.84
South korea	0.82	5.40
Author	f(%)	σ
Malhotra MK	10.66	11.44
Patel PC	8.20	7.96
Narasimhan R	7.38	5.29
Jack EP	7.38	14.73
Rosenzweig ED	6.56	5.30
Koste LL	6.56	15.83
Ward PT	5.74	5.72
Anand G	5.74	8.81
Swink M	5.74	3.93
Sharma S	4.92	15.10

Reference	f(%)	σ
Gerwin D, 1993, MANAGE SCI (39), 395	63.11	282.93
Koste LL, 1999, J OPER MANAG (18), 75	59.02	353.52
Gupta y P, 1996, Production and Operations Management (5), 0	54.92	311.18
Sethi a K, 1990, International Journal of Flexible Manufacturing Systems (2), 0	50.00	318.80
Swamidass PM, 1987, MANAGE SCI (33), 509	49.18	196.08
Upton DM, 1994, CALIF MANAGE REV (36), 72	47.54	332.07
D'souza DE, 2000, J OPER MANAG (18), 577	43.44	322.68
Upton DM, 1997, MANAGE SCI (43), 1079	39.34	226.87
Suarez FF, 1996, OPER RES (44), 223	36.07	250.89
Pagell M, 1999, J OPER MANAG (17), 307	31.15	288.35
Slack N, 1983, International Journal of Operations & Production Management (3), 0	29.51	270.88
Dixon JR, 1992, EUR J OPER RES (60), 131	28.69	285.99
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	28.69	104.56
Narasimhan R, 1999, DECISION SCI (30), 683	27.87	177.61
Vokurka RJ, 2000, J OPER MANAG (18), 485	27.05	288.50
Browne J, 1984, FMS Magazine (2), 0	26.23	268.14
Skinner W, 1996, PRODUCTION OPERATION (5), 3	24.59	148.68
Gerwin D, 1987, INT J OPER PROD MAN (7), 38	24.59	246.79
Upton d M, 1995, Journal of Operations Management (12), 0	23.77	247.17
Miller JG, 1994, MANAGE SCI (40), 285	23.77	81.35
Fornell C, 1981, J MARKETING RES (18), 39	22.95	60.63
Slack N, 1987, INT J OPER PROD MAN (7), 35	22.95	246.16
Kekre S, 1990, MANAGE SCI (36), 1216	22.13	150.07
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	22.13	89.39
Boyer KK, 1999, MANAGE SCI (45), 824	20.49	203.00
RefJournal	f(%)	σ
MANAGE SCI	49.18	42.07
J OPER MANAG	44.26	52.17
HARVARD BUS REV	43.44	53.15
J OPERATIONS MANAGEM	36.07	55.35
Journal of Operations Management	35.25	62.45
STRATEGIC MANAGE J	35.25	50.57
DECISION SCI	34.43	46.22
ACAD MANAGE REV	34.43	48.55
INT J OPER PROD MAN	33.61	55.03
CALIF MANAGE REV	30.33	53.99

Table 10: The community 19 - “CALL CENTERS” contains $N = 9$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/6$

Keyword	f(%)	tf-idf
CALL CENTERS	30.00	1.47
STAFFING	18.18	0.92
FINANCIAL SERVICES	11.82	0.66
SKILL-BASED ROUTING	11.82	0.65
CALL CENTER MANAGEMENT	9.09	0.62
CONTACT CENTERS	7.27	0.47
BANKING	9.09	0.46
LOSS MODEL	5.45	0.44
BRANCH AND BOUND	5.45	0.44
APPLIED OPTIMIZATION	5.45	0.42
CROSS-TRAINING	5.45	0.37
FINANCIAL SERVICE OPERATIONS	4.55	0.36
TIME-DEPENDENT OVERFLOW	4.55	0.36
QUEUEING MODELS OF CALL CENTERS	4.55	0.36
MATHEMATICAL MODELING	5.45	0.36
REAL-TIME OPTIMIZATION	4.55	0.34
CALL CENTER OPERATIONS	4.55	0.34
DOUBLY STOCHASTIC PROCESSES	4.55	0.34
CAPACITY PLANNING	6.36	0.34
HEURISTICS	6.36	0.32
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	60.00	5.66
Management	40.00	-5.66
Journal	f(%)	σ
PROD OPER MANAG	60.00	5.66
M&SOM-MANUF SERV OP	39.09	8.14
J OPER MANAG	0.91	-10.87

Institution	f(%)	σ
COLUMBIA UNIV	10.00	44.46
SCH BUSINESS	6.36	19.77
GRAD SCH BUSINESS	5.45	22.24
NORTHWESTERN UNIV	4.55	25.39
NYU	3.64	21.87
UNIV N CAROLINA	3.64	13.38
KOC UNIV	3.64	41.57
COLL ADM SCI & ECON	3.64	41.57
DEPT IND ENGN & OPERAT RES	3.64	20.64
KELLOGG SCH MANAGEMENT	3.64	26.59
VRIJE UNIV AMSTERDAM	2.73	36.89
IEOR DEPT	2.73	36.89
DEPT DECIS SCI	2.73	19.33
DEPT MATH	2.73	31.15
STANFORD UNIV	2.73	13.56
GEORGIA INST TECHNOL	1.82	6.78
TEXAS A&M UNIV	1.82	10.23
CARNEGIE MELLON UNIV	1.82	11.58
SAN FRANCISCO STATE UNIV	1.82	24.57
STERN SCH BUSINESS	1.82	13.22
Country	f(%)	σ
Usa	36.36	28.84
Turkey	3.64	25.83
Canada	3.64	9.07
Netherlands	3.64	14.88
Germany	1.82	11.32
England	0.91	2.97
Singapore	0.91	4.13
Denmark	0.91	15.85
France	0.91	3.68
Chile	0.91	15.85
Author	f(%)	σ
Whitt W	15.45	23.89
Mehrotra V	10.91	18.84
Nair SK	8.18	13.52
Armony M	7.27	12.40
Pinedo M	6.36	8.65
Stolletz R	6.36	27.04
Seifert MJ	5.45	27.75
Van Den schrieck JC	5.45	32.90
Meester GA	5.45	27.75
Zhou YP	5.45	17.51

Reference	f(%)	σ
Gans N, 2003, Manufacturing & Service Operations Management (5), 0	81.82	537.93
Brown L, 2005, J AM STAT ASSOC (100), 36	43.64	337.76
Wallace r B, 2005, Manufacturing & Service Operations Management (7), 0	41.82	439.29
Aksin ZN, 2007, PROD OPER MANAG (16), 665	39.09	513.75
Green LV, 2007, PROD OPER MANAG (16), 13	34.55	342.75
Whitt W, 2006, PROD OPER MANAG (15), 88	30.91	348.99
Avramidis AN, 2004, MANAGE SCI (50), 896	30.00	289.92
Halfin S, 1981, OPER RES (29), 567	30.00	272.67
Garnett O, 2002, Manufacturing & Service Operations Management (4), 0	29.09	274.03
Harrison j M, 2005, Manufacturing & Service Operations Management (7), 0	29.09	317.81
Borst S, 2004, OPER RES (52), 17	29.09	310.53
Whitt W, 2006, OPER RES (54), 37	25.45	239.33
Chevalier P, 2008, PROD OPER MANAG (17), 306	25.45	335.70
Whitt W, 1999, OPER RES LETT (24), 205	22.73	229.51
Jongbloed G, 2001, APPL STOCH MODEL BUS (17), 307	22.73	236.04
Chevalier P, 2003, INT J PROD ECON (85), 47	21.82	313.42
Gans N, 2007, M&SOM-MANUF SERV OP (9), 33	20.00	285.68
Franx GJ, 2006, PERFORM EVALUATION (63), 799	19.09	289.80
Zohar E, 2002, MANAGE SCI (48), 566	19.09	167.33
Armony M, 2004, OPER RES (52), 527	18.18	177.26
Gans N, 2003, OPER RES (51), 255	18.18	196.36
Armony M, 2004, OPER RES (52), 271	18.18	226.88
Green LV, 2001, OPER RES (49), 549	17.27	216.69
Bassamboo A, 2006, OPER RES (54), 419	17.27	219.31
Shumsky RA, 2004, OR SPECTRUM (26), 307	17.27	225.63
RefJournal	f(%)	σ
MANAGE SCI	39.09	31.48
Manufacturing & Service Operations Management	39.09	59.52
OPER RES	37.27	42.47
PROD OPER MANAG	31.82	32.96
M&SOM-MANUF SERV OP	20.00	33.32
QUEUEING SYST	19.09	88.06
J AM STAT ASSOC	16.36	61.27
INTERFACES	13.64	25.20
ANN APPL PROBAB	13.64	79.40
ANN OPER RES	10.00	35.19

Table 11: The community 20 - “COMPETITIVE ADVANTAGE” contains $N = 9$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/3$

Keyword	f(%)	tf-idf
COMPETITIVE ADVANTAGE	22.67	1.41
ENVIRONMENTAL MANAGEMENT	18.67	0.95
ENVIRONMENTAL MANAGEMENT AND OPERATIONS	12.00	0.84
ECO-LOGISTICS	12.00	0.84
LEAN AND GREEN OPERATIONS	12.00	0.84
GREEN PRODUCTS	12.00	0.84
LABORATORY RESEARCH	12.00	0.73
MULTIVARIATE STATISTICAL TECHNIQUES	12.00	0.73
ARCHIVAL RESEARCH	12.00	0.73
APPLICATIONS	12.00	0.73
THEORY VERIFYING	12.00	0.73
SUSTAINABILITY	14.67	0.70
QUALITATIVE RESEARCH	12.00	0.67
FIELD RESEARCH	12.00	0.65
SERVICE	12.00	0.65
SUSTAINABLE OPERATIONS	12.00	0.65
CLOSED-LOOP SUPPLY CHAINS	12.00	0.64
THEORY BUILDING	12.00	0.64
GREEN SUPPLY CHAIN MANAGEMENT	9.33	0.56
TQM	10.67	0.55
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	60.24	4.96
Management	39.76	-4.97
Journal	f(%)	σ
PROD OPER MANAG	60.24	4.96
J OPER MANAG	31.33	-3.89
M&SOM-MANUF SERV OP	8.43	-1.23

Institution	f(%)	σ
UNIV CALIF LOS ANGELES	7.23	30.69
MICHIGAN STATE UNIV	6.02	16.62
COLL BUSINESS	6.02	15.40
UNIV WESTERN ONTARIO	4.82	24.26
LONDON	4.82	24.26
SCH MANAGEMENT	3.61	8.42
DEPT MKT & SUPPLY CHAIN MANAGEMENT	3.61	14.14
RICHARD IVEY SCH BUSINESS	3.61	18.88
ELI BROAD GRAD SCH MANAGEMENT	3.61	13.52
SCH BUSINESS	3.61	9.63
IOWA STATE UNIV	2.41	19.97
SAM M WALTON COLL BUSINESS	2.41	18.21
GOIZUETA BUSINESS SCH	2.41	11.61
SCHULICH SCH BUSINESS	2.41	19.97
YORK UNIV	2.41	19.03
BOSTON COLL	2.41	16.84
UNIV UTAH	2.41	14.05
FISHER COLL BUSINESS	2.41	9.47
MERRICK SCH BUSINESS	2.41	25.83
GRAD SCH MANAGEMENT	2.41	17.48
Country	f(%)	σ
Usa	36.14	24.90
Canada	8.43	18.76
Australia	1.20	7.14
England	1.20	3.50
Singapore	1.20	4.82
Cyprus	1.20	18.26
France	1.20	4.31
South korea	1.20	6.62
Peoples r china	1.20	2.62
Spain	1.20	5.26
Author	f(%)	σ
Kleindorfer PR	19.28	36.25
Corbett CJ	19.28	22.16
Verma R	10.84	10.11
Victorino L	10.84	17.27
Gupta S	10.84	11.42
Van Wassenhove LN	10.84	9.43
Singhal K	10.84	11.54
Klassen RD	9.64	8.38
Hofer C	8.43	16.29
Rothenberg S	8.43	24.41

Reference	f(%)	σ
Corbett CJ, 2001, PROD OPER MANAG (10), 327	63.86	422.18
King AA, 2001, PROD OPER MANAG (10), 244	59.04	449.94
Rothenberg S, 2001, PROD OPER MANAG (10), 228	59.04	528.08
Delmas M, 2001, PROD OPER MANAG (10), 343	56.63	465.14
Angell LC, 2001, PRODUCTION OPERATION (10), 306	55.42	491.13
Bowen FE, 2001, PROD OPER MANAG (10), 174	51.81	470.64
Klassen RD, 2001, PROD OPER MANAG (10), 257	48.19	481.18
Chinander KR, 2001, PROD OPER MANAG (10), 276	45.78	507.31
Sroufe R, 2003, PROD OPER MANAG (12), 416	43.37	332.47
Klassen RD, 1996, MANAGE SCI (42), 1199	38.55	253.45
Porter ME, 1995, HARVARD BUS REV (73), 120	38.55	265.15
Wolf FG, 2001, PROD OPER MANAG (10), 292	37.35	372.90
Kassinis GI, 2003, PROD OPER MANAG (12), 386	32.53	253.84
Pil FK, 2003, PROD OPER MANAG (12), 404	31.33	222.61
Ferrer G, 2001, PROD OPER MANAG (10), 112	30.12	306.59
Walley N, 1994, HARVARD BUS REV (72), 46	28.92	210.05
Guide VDR, 2001, PROD OPER MANAG (10), 142	28.92	236.03
Corbett CJ, 2001, PROD OPER MANAG (10), 107	27.71	268.51
Florida R, 1996, CALIF MANAGE REV (39), 80	27.71	266.70
Snir EM, 2001, PROD OPER MANAG (10), 190	27.71	376.27
Fleischmann M, 2001, PROD OPER MANAG (10), 156	26.51	287.65
Majumder P, 2001, PROD OPER MANAG (10), 125	26.51	253.19
Kleindorfer PR, 2005, PROD OPER MANAG (14), 482	26.51	132.80
Russo MV, 1997, ACAD MANAGE J (40), 534	25.30	170.13
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	25.30	78.62
RefJournal	f(%)	σ
PROD OPER MANAG	40.96	37.12
MANAGE SCI	32.53	22.56
HARVARD BUS REV	30.12	30.14
J OPER MANAG	30.12	29.01
ACAD MANAGE REV	30.12	34.95
STRATEGIC MANAGE J	26.51	31.20
ACAD MANAGE J	25.30	31.12
INT J OPER PROD MAN	22.89	30.72
CALIF MANAGE REV	19.28	28.10
DECISION SCI	18.07	19.66

Table 12: The community 3 - “AUCTIONS” contains $N = 6$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/4$

Keyword	f(%)	tf-idf
AUCTIONS	16.95	0.89
INFORMATION ASYMMETRY	15.25	0.85
PROCUREMENT	15.25	0.77
PROCUREMENT AUCTION	10.17	0.75
MECHANISM DESIGN	13.56	0.74
PROCUREMENT OPERATIONS	8.47	0.72
AUDITING	10.17	0.69
PROCUREMENT AUCTIONS	10.17	0.65
ELECTRONIC MARKETS	8.47	0.65
COLLABORATION AND COORDINATION	8.47	0.61
ENABLERS AND BARRIERS	8.47	0.61
COMPETITION AND CONFLICT	8.47	0.61
E-AUCTION	8.47	0.61
DYNAMIC OPTIMIZATION	6.78	0.53
RFID	10.17	0.51
SUPPLY CHAIN COORDINATION	10.17	0.50
RANK	6.78	0.50
BIDDING BEHAVIOR	6.78	0.50
E-BUSINESS	8.47	0.48
SUPPLY CHAIN COMPETITION	6.78	0.46
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	74.58	6.50
Management	25.42	-6.51
Journal	f(%)	σ
PROD OPER MANAG	74.58	6.50
M&SOM-MANUF SERV OP	20.34	1.68
J OPER MANAG	5.08	-7.32

Institution	f(%)	σ
SCH MANAGEMENT	6.78	13.58
NYU	5.08	22.45
UNIV MARYLAND	5.08	17.91
DEPT MANAGEMENT	5.08	9.03
SCH BUSINESS	5.08	11.52
UNIV TEXAS DALLAS	5.08	17.91
UNIV MICHIGAN	5.08	16.85
GEORGIA INST TECHNOL	3.39	9.43
WASHINGTON UNIV	3.39	14.63
JOHN M OLIN SCH BUSINESS	3.39	20.78
ROBERT H SMITH SCH BUSINESS	3.39	14.35
TECH UNIV MUNICH	3.39	53.18
UNIV FLORIDA	3.39	19.33
UNIV VIRGINIA	3.39	20.01
STERN SCH BUSINESS	3.39	18.14
DEPT IND & OPERAT ENGN	3.39	26.53
UNIV CALIF BERKELEY	3.39	14.35
INDIANA UNIV	3.39	10.35
PURDUE UNIV	3.39	17.15
HONG KONG	3.39	17.15
Country	f(%)	σ
Usa	47.46	27.87
Peoples r china	5.08	10.25
India	3.39	17.15
Germany	3.39	15.57
Canada	1.69	2.93
England	1.69	4.24
Colombia	1.69	37.60
Greece	1.69	12.46
Spain	1.69	6.30
Author	f(%)	σ
Seshadri S	13.56	14.66
Chen YJ	13.56	19.22
Katok E	10.17	12.83
Zemel E	10.17	30.55
Steinberg R	8.47	45.54
Bichler M	8.47	45.54
Kyparisis GJ	8.47	23.70
Gupta S	8.47	7.39
Koulamas C	8.47	23.70
Zaretsky M	6.78	26.06

Reference	f(%)	σ
Elmaghraby W, 2007, PROD OPER MANAG (16), 409	67.80	485.24
Rothkopf MH, 2007, PROD OPER MANAG (16), 404	50.85	570.81
Mithas S, 2007, PROD OPER MANAG (16), 455	49.15	421.07
Elmaghraby w J, 2000, Manufacturing & Service Operations Management (2), 0	49.15	357.19
Kwasnica AM, 2007, PROD OPER MANAG (16), 483	38.98	444.82
Feng J, 2007, PROD OPER MANAG (16), 510	37.29	535.55
Vickrey W, 1961, J FINANC (16), 8	33.90	279.34
Krishna V, 2002, AUCTION THEORY (0), 0	33.90	324.35
Sosic G, 2007, PROD OPER MANAG (16), 471	33.90	520.87
Bichler M, 2007, PROD OPER MANAG (16), 401	27.12	326.71
Caplice C, 2007, PROD OPER MANAG (16), 423	27.12	465.53
Shen ZJM, 2007, PROD OPER MANAG (16), 713	27.12	222.88
Kouvelis P, 2006, PROD OPER MANAG (15), 449	25.42	122.15
Schwartzman LJ, 2007, PROD OPER MANAG (16), 495	25.42	412.33
Myerson RB, 1981, MATH OPER RES (6), 58	25.42	272.53
Chen FR, 2007, MANAGE SCI (53), 1562	22.03	241.19
Milgrom PR, 1982, ECONOMETRICA (50), 1089	20.34	183.17
Chen F, 2003, HDBK OPER R (11), 341	18.64	151.64
Etzion H, 2008, PROD OPER MANAG (17), 150	18.64	342.69
Klemperer PAUL, 1999, J EC SURVEYS (13), 227	18.64	183.36
Heydenreich B, 2007, PROD OPER MANAG (16), 437	18.64	438.05
Che YK, 1993, RAND J ECON (24), 668	16.95	248.02
Beall S, 2003, ROLE REVERSE AUCTION (0), 0	15.25	144.41
Dasgupta S, 1990, INFORMATION EC POLIC (4), 5	15.25	250.77
Armstrong M, 2000, REV ECON STUD (67), 455	15.25	271.18
RefJournal	f(%)	σ
MANAGE SCI	47.46	28.20
PROD OPER MANAG	42.37	32.40
Manufacturing & Service Operations Management	35.59	39.64
OPER RES	32.20	26.78
MARKET SCI	20.34	25.32
HARVARD BUS REV	20.34	16.94
EUR J OPER RES	18.64	17.05
J MARKETING	18.64	20.66
ECONOMETRICA	18.64	28.50
AM ECON REV	15.25	21.82

Table 13: The community 21 - “CASE STUDIES” contains $N = 6$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/8$

Keyword	f(%)	tf-idf
CASE STUDIES	13.08	0.58
CASE STUDY RESEARCH	11.54	0.56
CASE STUDY	9.23	0.41
SUPPLY CHAIN MANAGEMENT	16.92	0.37
CASE/FIELD STUDY	5.38	0.30
SUPPLIER-SUPPLIER		
RELATIONSHIPS	3.85	0.25
MARKETING-OPERATIONS		
INTERFACE	3.85	0.21
SUPPLY CHAIN	5.38	0.20
RESEARCH METHODS	3.08	0.20
AGILE	3.08	0.20
AIRCRAFT MANUFACTURING	3.08	0.20
OPERATIONS STRATEGY	6.92	0.19
COMPLEXITY	3.85	0.19
LEARNING CURVES	3.08	0.19
SUPPLY NETWORKS	3.08	0.19
RESOURCE-BASED THEORY	3.08	0.19
INFORMATION TECHNOLOGY	4.62	0.19
MANUFACTURING STRATEGY	4.62	0.18
OPERATION STRATEGY	3.08	0.17
ARCHETYPES	2.31	0.17
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	92.48	6.52
Engineering, Manufacturing	7.52	-6.52
Journal	f(%)	σ
J OPER MANAG	90.98	8.85
PROD OPER MANAG	7.52	-6.52
M&SOM-MANUF SERV OP	1.50	-3.94

Institution	f(%)	σ
DEPT MANAGEMENT	12.88	34.94
ARIZONA STATE UNIV	12.12	53.99
WP CAREY SCH BUSINESS	9.85	52.82
DEPT SUPPLY CHAIN MANAGEMENT	7.58	37.67
COLL BUSINESS	6.82	22.03
COLL BUSINESS ADM	5.30	19.34
UNIV MINNESOTA	3.79	13.80
MICHIGAN STATE UNIV	3.03	10.36
OREGON STATE UNIV	3.03	33.42
CARLSON SCH MANAGEMENT	3.03	14.10
FAC BUSINESS	2.27	17.14
UNIV WESTERN ONTARIO	2.27	14.32
TEXAS CHRISTIAN UNIV	2.27	19.33
GRAD SCH BUSINESS	2.27	9.98
KENAN FLAGLER BUSINESS SCH	2.27	10.51
DEPT MKT & SUPPLY CHAIN		
MANAGEMENT	2.27	11.12
RENSSELAER POLYTECH INST	2.27	18.14
UNIV N CAROLINA	2.27	9.04
RICHARD IVEY SCH BUSINESS	2.27	14.90
OPERAT & MANAGEMENT SCI DEPT	2.27	16.29
Country	f(%)	σ
Usa	48.48	42.62
Canada	7.58	21.21
England	7.58	29.53
Spain	3.79	21.34
Finland	2.27	28.42
Netherlands	2.27	10.08
Italy	2.27	20.79
Australia	1.52	11.37
India	1.52	11.37
South korea	1.52	10.54
Author	f(%)	σ
Choi TY	10.53	10.20
Wu ZH	5.26	10.68
Barratt M	5.26	8.40
Browning TR	4.51	5.85
Klassen RD	3.76	3.46
Roth AV	3.76	0.90
Rabinovich E	3.01	2.32
Heath RD	3.01	8.07
Schroeder RG	3.01	0.87
Menor LJ	2.26	1.72

Reference	f(%)	σ
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	54.89	216.30
Meredith J, 1998, J OPER MANAG (16), 441	50.38	280.27
Mccutcheon d M, 1993, Journal of Operations Management (11), 0	37.59	271.45
Glaser BARNEY, 1967, DISCOVERY GROUNDED T (0), 0	30.08	180.32
Stuart I, 2002, J OPER MANAG (20), 419	28.57	221.97
Handfield RB, 1998, J OPER MANAG (16), 321	25.56	190.96
Choi TY, 2002, J OPER MANAG (20), 469	20.30	171.64
Choi TY, 2001, J OPER MANAG (19), 351	18.80	150.21
Voss C, 2002, INT J OPER PROD MAN (22), 195	18.80	149.99
Flynn B B, 1990, J OPERATIONS MANAGEMENT (9), 250	18.05	74.08
Jick TD, 1979, ADMIN SCI QUART (24), 602	15.79	124.84
Lee HL, 1997, MANAGE SCI (43), 546	15.79	69.39
Yin RK, 1989, CASE STUDY RES DESIG (0), 0	14.29	144.18
Barney J, 1991, J MANAGE (17), 99	14.29	46.77
Huberman a M, 1984, QUALITATIVE DATA ANA (0), 0	14.29	150.02
Miles MB, 1994, QUALITATIVE DATA ANA (0), 0	13.53	95.72
Yin r K, 1994, CASE STUDY RES DESIG (0), 0	13.53	91.85
Wu ZH, 2005, J OPER MANAG (24), 27	13.53	109.34
Eisenhardt KM, 2007, ACAD MANAGE J (50), 25	13.53	122.34
Schmenner RW, 1998, J OPER MANAG (17), 97	13.53	61.75
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	12.03	45.58
Miller JG, 1994, MANAGE SCI (40), 285	12.03	42.80
Wernerfelt B, 1984, STRATEGIC MANAGE J (5), 171	10.53	48.82
Yin R, 2003, CASE STUDY RES DESIG (5), 0	10.53	85.97
Williamson O, 1985, EC I CAPITALISM (0), 0	9.77	47.74
RefJournal	f(%)	σ
J OPER MANAG	66.92	82.90
ACAD MANAGE REV	57.14	84.74
MANAGE SCI	53.38	47.81
HARVARD BUS REV	48.87	62.55
DECISION SCI	43.61	61.38
INT J OPER PROD MAN	43.61	74.78
Journal of Operations Management	40.60	75.23
STRATEGIC MANAGE J	39.85	59.82
J OPERATIONS MANAGEM	39.10	62.72
ACAD MANAGE J	38.35	60.13

Table 14: The community 13 - “BEHAVIORAL OPERATIONS” contains $N = 5$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/4$

Keyword	f(%)	tf-idf
BEHAVIORAL OPERATIONS	23.81	1.12
BEHAVIORAL OPERATIONS MANAGEMENT	10.71	0.58
BOUNDED RATIONALITY	8.33	0.51
FEEDBACK	5.95	0.33
KNOWLEDGE WORK	5.95	0.32
LEARNING	7.14	0.32
HEURISTICS AND BIASES	3.57	0.32
EXPERIMENTAL AND BEHAVIORAL ECONOMICS	3.57	0.32
JUDGMENT AND DECISION MAKING	3.57	0.32
TASK EFFICACY	4.76	0.32
RESOURCE SHARING	4.76	0.32
PSYCHOLOGICAL OWNERSHIP	4.76	0.32
CONSUMER BEHAVIOR	4.76	0.30
FAIRNESS	4.76	0.28
DECISION MAKING	4.76	0.28
MOTIVATION	4.76	0.27
INERTIA	3.57	0.26
BEHAVIORAL DECISION-MAKING	3.57	0.26
BEHAVIORAL EXPERIMENT	4.76	0.25
PLANT MANAGERS	3.57	0.25
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	76.47	2.10
Engineering, Manufacturing	23.53	-2.10
Journal	f(%)	σ
J OPER MANAG	48.24	-0.82
M&SOM-MANUF SERV OP	28.24	4.18
PROD OPER MANAG	23.53	-2.10

Institution	f(%)	σ
UNIV MINNESOTA	8.24	24.42
KENAN FLAGLER BUSINESS SCH	8.24	31.13
UNIV N CAROLINA	7.06	23.08
SCH BUSINESS	7.06	19.31
GOIZUETA BUSINESS SCH	4.71	23.12
UNIV WESTERN ONTARIO	4.71	23.97
COLL BUSINESS	4.71	12.10
SMEAL COLL BUSINESS	4.71	26.00
CARLSON SCH MANAGEMENT	4.71	17.70
LONDON	4.71	23.97
PENN STATE UNIV	4.71	20.71
RICHARD IVEY SCH BUSINESS	4.71	24.92
EMORY UNIV	4.71	21.32
CORNELL UNIV	3.53	17.00
NORTHWESTERN UNIV	3.53	17.29
FISHER COLL BUSINESS	3.53	14.14
DEPT SUPPLY CHAIN MANAGEMENT	3.53	13.97
WHARTON SCH	3.53	15.71
OHIO STATE UNIV	3.53	13.36
SCH MANAGEMENT	3.53	8.32
Country	f(%)	σ
Usa	56.47	40.03
Canada	5.88	13.13
England	5.88	18.34
Netherlands	3.53	12.69
Germany	3.53	19.46
Peoples r china	3.53	8.43
France	2.35	8.74
Pakistan	1.18	31.32
Singapore	1.18	4.76
Costa rica	1.18	18.04
Author	f(%)	σ
Bendoly E	9.41	6.28
Croson R	8.24	14.67
Roth AV	7.06	2.65
Katok E	5.88	8.68
Staats BR	5.88	6.81
Su XM	4.71	6.13
Anand G	4.71	5.92
Bachrach DG	4.71	8.50
Siemens E	4.71	9.43
Schultz K	4.71	10.52

Reference	f(%)	σ
Bendoly E, 2006, J OPER MANAG (24), 737	57.65	313.43
Boudreau J, 2003, Manufacturing & Service Operations Management (5), 0	50.59	250.11
Gino F, 2008, M&SOM-MANUF SERV OP (10), 676	40.00	312.45
Su XM, 2008, M&SOM-MANUF SERV OP (10), 566	23.53	285.28
Schweitzer ME, 2000, MANAGE SCI (46), 404	21.18	162.49
Siemens E, 2008, J OPER MANAG (26), 426	17.65	168.47
Tversky A, 1974, SCIENCE (185), 1124	14.12	105.99
Fornell C, 1981, J MARKETING RES (18), 39	14.12	30.98
Schultz KL, 2003, J OPER MANAG (21), 81	14.12	103.77
Sterman JD, 1989, MANAGE SCI (35), 321	12.94	74.10
Kahneman D, 1979, ECONOMETRICA (47), 263	12.94	112.35
Bendoly E, 2010, PROD OPER MANAG (19), 434	11.76	102.96
Bendoly E, 2007, J OPER MANAG (25), 604	11.76	75.60
Cantor DE, 2009, J OPER MANAG (27), 220	10.59	158.45
Croson R, 2002, INTERFACES (32), 74	10.59	109.63
Edmondson A, 1999, ADMIN SCI QUART (44), 350	9.41	55.95
Bendoly E, 2007, J OPER MANAG (25), 1	9.41	73.36
Schultz KL, 1998, MANAGE SCI (44), 1595	9.41	88.25
Mantel SP, 2006, J OPER MANAG (24), 822	9.41	84.02
Bolton GE, 2008, M&SOM-MANUF SERV OP (10), 519	9.41	127.18
Lim N, 2007, MARKET SCI (26), 312	8.24	122.98
Liu Q, 2008, MANAGE SCI (54), 1115	8.24	85.41
Maister DH, 1985, SERVICE ENCOUNTER (0), 113	8.24	70.85
Anderson JC, 1988, PSYCHOL BULL (103), 411	8.24	21.40
Su XM, 2007, MANAGE SCI (53), 726	8.24	66.52
RefJournal	f(%)	σ
MANAGE SCI	61.18	43.97
J OPER MANAG	57.65	56.98
PROD OPER MANAG	45.88	42.19
Manufacturing & Service Operations Management	36.47	48.77
ACAD MANAGE J	35.29	44.19
J APPL PSYCHOL	32.94	57.24
HARVARD BUS REV	32.94	33.44
ACAD MANAGE REV	30.59	35.93
ADMIN SCI QUART	29.41	41.33
M&SOM-MANUF SERV OP	28.24	41.58

Table 15: The community 10 - “SUPPLY UNCERTAINTY” contains $N = 4$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/2$

Keyword	f(%)	tf-idf
SUPPLY UNCERTAINTY	20.41	1.28
DUAL SOURCING	18.37	1.12
SUPPLY DIVERSIFICATION	10.20	0.71
SUPPLY RISK	10.20	0.59
RESPONSIVE PRICING	8.16	0.58
COURNOT COMPETITION	8.16	0.53
SUPPLY CHAIN MANAGEMENT	22.45	0.49
EQUILIBRIUM	6.12	0.48
AUCTIONS AND MECHANISM DESIGN	6.12	0.48
FINANCIAL DEFAULTS	6.12	0.47
CAPACITY INVESTMENTS	6.12	0.45
INVENTORY	10.20	0.44
RISK MANAGEMENT	8.16	0.43
OPERATIONS AND FINANCE		
INTERFACE	6.12	0.43
BANKRUPTCY	6.12	0.41
RANDOM YIELD	6.12	0.40
INCENTIVES AND CONTRACTING	6.12	0.37
MARKOV DECISION PROCESSES	6.12	0.36
SUPPLIER MANAGEMENT	6.12	0.35
DUAL-SOURCING	4.08	0.33
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	61.22	-0.65
Engineering, Manufacturing	38.78	0.65
Journal	f(%)	σ
M&SOM-MANUF SERV OP	55.10	8.77
PROD OPER MANAG	38.78	0.65
J OPER MANAG	6.12	-6.52

Institution	f(%)	σ
WASHINGTON UNIV	10.20	40.37
KENAN FLAGLER BUSINESS SCH	8.16	23.43
UNIV N CAROLINA	8.16	20.30
DEPT MANAGEMENT	6.12	9.97
JOHN M OLIN SCH BUSINESS	6.12	34.27
ARIZONA STATE UNIV	6.12	16.53
WP CAREY SCH BUSINESS	6.12	19.95
UNIV MICHIGAN	6.12	18.52
UNIV MIAMI	6.12	33.02
INDIANA UNIV	4.08	11.39
MCDONOUGH SCH BUSINESS	4.08	22.82
GEORGETOWN UNIV	4.08	22.82
OLIN BUSINESS SCH	4.08	26.04
NORTHWESTERN UNIV	4.08	15.21
SCH BUSINESS	4.08	8.38
TUCK SCH BUSINESS	4.08	36.88
KELLEY SCH BUSINESS	4.08	12.15
DARTMOUTH COLL	4.08	31.15
UNIV CALIF BERKELEY	4.08	15.77
COLL BUSINESS & MANAGEMENT	2.04	20.60
Country	f(%)	σ
Usa	53.06	28.50
Peoples r china	6.12	11.30
England	2.04	4.70
Spain	2.04	6.94
France	2.04	5.73
Author	f(%)	σ
Tomlin B	20.41	30.67
Gilland W	12.24	23.95
Kouvelis P	12.24	9.26
Wang YM	12.24	25.91
Babich V	12.24	18.54
Sethi SP	8.16	6.27
Tang SY	8.16	24.20
Li T	8.16	26.31
Zhang J	8.16	13.16
Yang ZB	6.12	20.80

Reference	f(%)	σ
Dada M, 2007, M&SOM-MANUF SERV OP (9), 9	77.55	599.33
Tomlin B, 2006, MANAGE SCI (52), 639	67.35	361.26
Babich V, 2007, M&SOM-MANUF SERV OP (9), 123	61.22	552.29
Anupindi R, 1993, MANAGE SCI (39), 944	57.14	386.88
Agrawal N, 1997, Production and Operations Management (6), 0	48.98	353.44
Tomlin B, 2005, Manufacturing & Service Operations Management (7), 0	46.94	448.19
Yano CA, 1995, OPER RES (43), 311	40.82	240.65
Parlar M, 1993, EUR J OPER RES (66), 52	40.82	486.62
Gerchak Y, 1990, NAV RES LOG (37), 341	38.78	422.62
Ciarallo FW, 1994, MANAGE SCI (40), 320	32.65	371.09
Swaminathan JM, 1999, OPER RES LETT (24), 213	32.65	371.83
Babich V, 2006, NAV RES LOG (53), 656	22.45	381.01
Henig M, 1990, OPER RES (38), 634	18.37	213.43
Yang ZB, 2009, MANAGE SCI (55), 192	18.37	187.57
Tomlin B, 2009, M&SOM-MANUF SERV OP (11), 192	18.37	273.30
Wang YM, 2010, M&SOM-MANUF SERV OP (12), 489	16.33	257.34
Federgruen A, 2009, OPER RES (57), 1451	14.29	255.19
Gurnani H, 2000, IIE TRANS (32), 701	14.29	219.39
Parlar M, 1995, INT J PROD ECON (42), 131	14.29	252.72
Federgruen A, 2008, OPER RES (56), 916	14.29	171.80
Feng Q, 2010, MANAGE SCI (56), 2154	14.29	241.38
Kazaz B, 2004, Manufacturing & Service Operations Management (6), 0	14.29	163.63
Krause DR, 1998, J OPER MANAG (17), 39	14.29	58.06
Lee HL, 1997, MANAGE SCI (43), 546	14.29	38.09
Sheffi Y, 2005, RESILIENT ENTERPRISE (0), 0	14.29	122.13
RefJournal	f(%)	σ
MANAGE SCI	57.14	31.12
OPER RES	44.90	34.28
M&SOM-MANUF SERV OP	42.86	48.14
PROD OPER MANAG	34.69	24.05
EUR J OPER RES	32.65	27.65
Manufacturing & Service Operations Management	30.61	31.01
NAV RES LOG	24.49	33.10
HARVARD BUS REV	24.49	18.71
Production and Operations Management	24.49	39.16
IIE TRANS	18.37	20.16

Table 16: The community 12 - “APPOINTMENT SCHEDULING” contains $N = 4$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/2$

Keyword	f(%)	tf-idf
APPOINTMENT SCHEDULING	58.97	3.12
SIMULATION	30.77	1.27
HEALTH CARE	20.51	1.11
SERVICE OPERATIONS	35.90	1.06
HEALTHCARE	20.51	0.96
NONLINEAR REGRESSION	10.26	0.78
OUTPATIENT	10.26	0.76
OUTPATIENT SERVICES	10.26	0.67
PATIENT FLOW	10.26	0.66
OVERBOOKING	10.26	0.64
HEALTH CARE OPERATIONS	10.26	0.62
PROBABILITY: STOCHASTIC MODEL APPLICATIONS	7.69	0.57
SIMULATION OPTIMIZATION	7.69	0.55
SERVICE OPERATIONS MANAGEMENT	10.26	0.48
HEALTH-CARE MANAGEMENT	7.69	0.48
URGENT PATIENTS	5.13	0.41
ADVANCED-ACCESS	5.13	0.41
PRIMARY CARE	5.13	0.41
OUTPATIENT CLINICS	5.13	0.39
RESOURCE PLANNING	5.13	0.34
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	72.50	5.08
Management	27.50	-5.08
Journal	f(%)	σ
PROD OPER MANAG	72.50	5.08
M&SOM-MANUF SERV OP	20.00	1.32
J OPER MANAG	7.50	-5.72

Institution	f(%)	σ
GRAD SCH MANAGEMENT	7.50	37.95
DEPT MANAGEMENT	7.50	11.09
CORNELL UNIV	5.00	16.57
DEPT OPERAT & DECIS TECHNOL	5.00	40.83
ZICKLIN SCH BUSINESS	5.00	34.49
OZYEGIN UNIV	5.00	52.73
JOHNSON GRAD SCH MANAGEMENT	5.00	34.49
MENTAL HLTH CTR DENVER	5.00	64.60
ST CATHARINES	5.00	52.73
INDIANA UNIV	5.00	12.65
BROCK UNIV	5.00	52.73
UNIV CALIF DAVIS	5.00	40.83
KELLEY SCH BUSINESS	5.00	13.48
DEPT STAT & OPERAT RES	5.00	32.25
COLL BUSINESS ADM	5.00	10.03
DEPT IND ENGN	5.00	18.95
SCH BUSINESS	5.00	9.32
SHATIN	2.50	9.03
DUQUESNE UNIV	2.50	18.60
NYU	2.50	9.03
Country	f(%)	σ
Usa	45.00	21.72
Canada	10.00	15.49
Turkey	5.00	21.45
Netherlands	5.00	12.40
Singapore	5.00	14.32
South korea	2.50	9.64
Peoples r china	2.50	4.03
Author	f(%)	σ
Cayirli T	17.50	24.89
Klassen KJ	17.50	32.29
Bretthauer KM	12.50	18.80
Salzarulo PA	10.00	29.93
Cote MJ	10.00	29.93
White DL	10.00	25.46
Laganga LR	10.00	19.08
Yang KK	10.00	16.75
Schultz KL	10.00	14.01
Quek SA	10.00	28.42

Reference	f(%)	σ
Cayirli T, 2003, PROD OPER MANAG (12), 519	82.50	510.48
Ho CJ, 1992, MANAGE SCI (38), 1750	67.50	480.20
Cayirli T, 2008, PROD OPER MANAG (17), 338	65.00	520.11
Klassen k J, 1996, Journal of Operations Management (14), 0	60.00	443.64
Denton B, 2003, IIE TRANS (35), 1003	57.50	414.22
Bailey NTJ, 1952, J ROY STAT SOC B (14), 185	57.50	439.88
Gupta D, 2008, IIE TRANS (40), 800	55.00	368.15
Cayirli TUGBA, 2006, Health Care Manag Sci (9), 47	52.50	470.38
Laganga LR, 2007, DECISION SCI (38), 251	52.50	396.00
White MJB, 1964, MED CARE (2), 133	52.50	468.97
Robinson LW, 2003, IIE TRANS (35), 295	50.00	396.27
Fries BE, 1981, OPER RES (29), 324	47.50	430.82
Rohleder TR, 2000, OMEGA-INT J MANAGE S (28), 293	45.00	390.96
Soriano A, 1966, OPER RES (14), 388	42.50	375.15
Visser J, 1979, EUR J OPER RES (3), 459	42.50	383.69
Klassen KJ, 2009, PROD OPER MANAG (18), 447	42.50	416.25
Hassin R, 2008, MANAGE SCI (54), 565	42.50	423.97
Wang PP, 1993, NAV RES LOG (40), 345	40.00	358.38
Kaandorp guido C, 2007, Health Care Manag Sci (10), 217	40.00	369.72
Wang PP, 1997, COMPUT OPER RES (24), 703	37.50	335.47
Okeefe RM, 1985, J OPER RES SOC (36), 705	37.50	353.50
Weiss EN, 1990, IIE TRANS (22), 143	37.50	301.50
Fetter RB, 1966, HEALTH SERV REP (1), 66	37.50	360.19
Cox t F, 1985, J APPL STAT (12), 113	30.00	305.03
Visser J, 1979, MED CARE (17), 1207	30.00	312.41
RefJournal	f(%)	σ
EUR J OPER RES	50.00	38.53
OPER RES	47.50	32.80
MANAGE SCI	47.50	23.24
PROD OPER MANAG	45.00	28.37
DECISION SCI	42.50	32.79
IIE TRANS	37.50	37.60
Health Care Manag Sci	32.50	121.21
J ROY STAT SOC B	32.50	129.59
J OPER RES SOC	30.00	41.83
Journal of Operations Management	30.00	30.38

Table 17: The community 17 - “DYNAMIC PRICING” contains $N = 4$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/3$

Keyword	f(%)	tf-idf
DYNAMIC PRICING	37.25	1.77
STRATEGIC CONSUMERS	17.65	1.20
CUSTOMER BEHAVIOR	19.61	1.07
REVENUE MANAGEMENT	21.57	0.91
STRATEGIC CUSTOMER BEHAVIOR	11.76	0.83
STOCHASTIC GAMES	7.84	0.64
PRICING	15.69	0.59
INERTIA	7.84	0.58
BEHAVIORAL DECISION-MAKING	7.84	0.58
CONSUMER BEHAVIOR	7.84	0.50
PRICING AND REVENUE MANAGEMENT	7.84	0.48
CUSTOMER LEARNING	5.88	0.45
SELF-REGULATING	5.88	0.45
SMOOTHING	5.88	0.45
WAIT-OR-BUY	5.88	0.45
DISAPPOINTMENT AVERSION	5.88	0.45
CAPACITY RATIONING	5.88	0.45
VALUATION UNCERTAINTY	5.88	0.42
RETAILING	7.84	0.41
STRATEGIC CONSUMER BEHAVIOR	5.88	0.41
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	56.86	3.38
Management	43.14	-3.38
Journal	f(%)	σ
PROD OPER MANAG	56.86	3.38
M&SOM-MANUF SERV OP	43.14	6.40

Institution	f(%)	σ
UNIV CALIF BERKELEY	9.80	38.82
WASHINGTON UNIV	5.88	23.69
UNIV N CAROLINA	5.88	14.87
DEPT IND ENGN & OPERAT RES	5.88	22.82
UNIV MICHIGAN	5.88	18.14
MIT	3.92	15.45
JOHN M OLIN SCH BUSINESS	3.92	22.36
MONTREAL	3.92	16.07
ARIZONA STATE UNIV	3.92	10.73
MCGILL UNIV	3.92	17.99
DEPT IND & OPERAT ENGN	3.92	28.55
HAAS SCH BUSINESS	3.92	24.32
KENAN FLAGLER BUSINESS SCH	3.92	11.39
KOWLOON	3.92	13.54
UNIV CALIF LOS ANGELES	3.92	12.98
DESAUTELS FAC MANAGEMENT	3.92	20.80
ANDERSON SCH	3.92	30.53
WP CAREY SCH BUSINESS	3.92	12.98
SCH BUSINESS	3.92	8.21
HONG KONG UNIV SCI & TECHNOL	3.92	20.80
Country	f(%)	σ
Usa	49.02	26.79
Peoples r china	9.80	18.62
Canada	7.84	13.66
India	1.96	9.18
Singapore	1.96	6.24
Author	f(%)	σ
Su XM	13.73	14.74
Nediak M	7.84	32.27
Mcgill J	7.84	32.27
Zhang D	7.84	14.16
Levin Y	7.84	32.27
Shum S	5.88	12.87
Milner JM	5.88	14.64
Parlakturk AK	5.88	15.49
Liu Q	5.88	13.72
Tang CS	5.88	5.97

Reference	f(%)	σ
Su XM, 2007, MANAGE SCI (53), 726	76.47	479.11
Aviv Y, 2008, M&SOM-MANUF SERV OP (10), 339	72.55	549.28
Elmaghraby W, 2008, M&SOM-MANUF SERV OP (10), 126	68.63	536.18
Liu Q, 2008, MANAGE SCI (54), 1115	58.82	472.97
Shen ZJM, 2007, PROD OPER MANAG (16), 713	54.90	419.58
Besanko D, 1990, MANAGE SCI (36), 555	45.10	346.44
Cachon GP, 2009, MANAGE SCI (55), 497	39.22	331.86
Xie JH, 2001, MARKET SCI (20), 219	37.25	264.09
Gallego G, 1994, MANAGE SCI (40), 999	35.29	208.10
Talluri KT, 2004, THEORY PRACTICE REVE (0), 0	35.29	172.75
Zhang D, 2008, PROD OPER MANAG (17), 416	33.33	392.77
Su XM, 2008, MANAGE SCI (54), 1759	31.37	316.89
Popescu I, 2007, OPER RES (55), 413	27.45	276.44
Levin Y, 2009, MANAGE SCI (55), 32	25.49	281.88
Elmaghraby W, 2003, MANAGE SCI (49), 1287	25.49	155.21
Stokey NL, 1979, Q J ECON (93), 355	25.49	229.72
Gallego G, 2008, PROD OPER MANAG (17), 402	25.49	352.64
Su XM, 2008, M&SOM-MANUF SERV OP (10), 566	23.53	220.97
Bitran G, 2003, Manufacturing & Service Operations Management (5), 0	23.53	159.36
Lai GM, 2010, M&SOM-MANUF SERV OP (12), 33	19.61	275.98
Dana JD, 1998, J POLIT ECON (106), 395	19.61	153.01
Yin R, 2009, MANAGE SCI (55), 1391	19.61	255.82
Caldentey R, 2007, MANAGE SCI (53), 795	17.65	218.97
Nair H, 2007, QME-QUANT MARK ECON (5), 239	13.73	222.42
Che YK, 1996, J IND ECON (44), 17	13.73	184.23
RefJournal	f(%)	σ
MANAGE SCI	52.94	29.35
M&SOM-MANUF SERV OP	43.14	49.44
OPER RES	41.18	32.02
PROD OPER MANAG	41.18	29.25
MARKET SCI	33.33	38.85
Q J ECON	27.45	50.45
Manufacturing & Service Operations Management	27.45	28.32
AM ECON REV	23.53	31.49
THEORY PRACTICE REVE	19.61	57.68
RAND J ECON	17.65	30.09

Table 18: The community 24 - “DIRECT CHANNEL” contains $N = 3$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/3$

Keyword	f(%)	tf-idf
DIRECT CHANNEL	12.50	0.91
DUAL CHANNELS	9.38	0.72
SUPPLY CHAIN CONTRACTING	9.38	0.72
PRODUCT AVAILABILITY	9.38	0.72
SERVICE COMPETITION	9.38	0.59
E-COMMERCE	12.50	0.59
COLLABORATIVE PARTNERSHIPS	6.25	0.58
EXPERIMENTAL ECONOMICS	9.38	0.54
CHANNEL COORDINATION	6.25	0.50
COST-PER-CLICK	6.25	0.49
COORDINATION	9.38	0.49
COALITION FORMATION	6.25	0.48
JOINT REPLENISHMENT	6.25	0.48
COALITION STRUCTURE CORE	6.25	0.48
FRACTIONAL PROGRAMMING	6.25	0.48
COOPERATIVE GAME THEORY	6.25	0.48
PROPORTIONAL ALLOCATIONS	6.25	0.48
LONG-RUN STOCK PRICE	6.25	0.48
EQUITY RISK	6.25	0.48
PRICING	12.50	0.47
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	87.50	6.33
Management	12.50	-6.33
Journal	f(%)	σ
PROD OPER MANAG	87.50	6.33
M&SOM-MANUF SERV OP	9.38	-0.61
J OPER MANAG	3.12	-5.61

Institution	f(%)	σ
HONG KONG	6.25	23.36
DEPT IND & SYST ENGN	6.25	26.31
COLL BUSINESS ADM	6.25	11.25
SCH BUSINESS ADM	6.25	19.21
UNIV MICHIGAN	6.25	15.28
GEORGIA INST TECHNOL	3.12	6.39
SHATIN	3.12	10.12
MARQUETTE UNIV	3.12	25.51
CHINESE UNIV HONG KONG	3.12	9.73
GUANGZHOU 510275	3.12	22.81
COLL BUSINESS & PUBL AFFAIRS	3.12	36.10
WASHINGTON UNIV	3.12	9.92
NYU	3.12	10.12
GSB	3.12	51.07
W CHESTER UNIV	3.12	51.07
DEPT MANAGEMENT SCI & INFORMAT SYST	3.12	29.46
CTR EBUSINESS INNOVAT	3.12	51.07
JOHNS HOPKINS UNIV	3.12	36.10
BELL LABS IRELAND	3.12	51.07
UNIV N CAROLINA	3.12	6.18
Country	f(%)	σ
Usa	56.25	24.46
Peoples r china	12.50	18.86
Canada	6.25	8.57
Turkey	3.12	11.96
France	3.12	7.16
Ireland	3.12	29.46
South korea	3.12	10.80
Author	f(%)	σ
Ozer O	9.38	9.76
Chambers C	9.38	8.44
Chen KY	9.38	24.12
Kaya M	9.38	24.12
Kekre S	6.25	5.77
Elomri A	6.25	16.46
Singhal VR	6.25	4.96
Hendricks KB	6.25	5.37
Buhman C	6.25	6.45
Dallery Y	6.25	11.72

Reference	f(%)	σ
Tsay AA, 2004, PROD OPER MANAG (13), 93	84.38	405.12
Boyaci T, 2004, PROD OPER MANAG (13), 3	43.75	252.31
Cattani K, 2006, PROD OPER MANAG (15), 40	40.62	358.47
Chiang WYK, 2003, MANAGE SCI (49), 1	40.62	262.77
Gan XH, 2004, PROD OPER MANAG (13), 135	25.00	116.20
Boyaci T, 2005, IIE TRANS (37), 407	25.00	322.17
Gan XH, 2005, PROD OPER MANAG (14), 80	25.00	109.89
Shin HJ, 2004, PROD OPER MANAG (13), 63	25.00	173.54
Souza GC, 2004, PROD OPER MANAG (13), 34	25.00	147.91
Sodhi MS, 2005, PROD OPER MANAG (14), 69	21.88	112.22
Kraiselburd S, 2004, PROD OPER MANAG (13), 46	21.88	141.33
Fisher M, 1997, Production and Operations Management (6), 0	21.88	91.32
Poundarikapuram S, 2004, PROD OPER MANAG (13), 111	21.88	171.68
Kouvelis P, 2006, PROD OPER MANAG (15), 449	18.75	66.32
Kleindorfer PR, 2005, PROD OPER MANAG (14), 53	18.75	56.12
Bernstein F, 2004, OPER RES (52), 868	18.75	135.98
Mcguire t W, 1983, MARKET SCI (2), 161	18.75	91.48
Cattani KD, 2002, PROD OPER MANAG (11), 441	18.75	141.71
Gerchak Y, 2004, PROD OPER MANAG (13), 23	18.75	91.07
Kreipl S, 2004, PROD OPER MANAG (13), 77	18.75	86.69
Hendershott T, 2006, J ECON MANAGE STRAT (15), 279	15.62	257.94
Cachon GP, 2005, MANAGE SCI (51), 30	15.62	63.58
Jeuland a P, 1983, MARKET SCI (2), 239	15.62	66.03
Mahajan S, 2001, OPER RES (49), 646	15.62	125.76
Lal R, 1999, MARKET SCI (18), 485	15.62	163.12
RefJournal	f(%)	σ
PROD OPER MANAG	68.75	39.07
MANAGE SCI	65.62	28.99
OPER RES	40.62	25.01
MARKET SCI	34.38	31.75
Manufacturing & Service Operations Management	31.25	25.59
EUR J OPER RES	25.00	17.00
RAND J ECON	25.00	33.87
IIE TRANS	21.88	19.47
PRODUCTION OPERATION	21.88	22.40
HARVARD BUS REV	21.88	13.45

Table 19: The community 5 - “ENVIRONMENTAL ISSUES” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/1$

Keyword	f(%)	tf-idf
ENVIRONMENTAL ISSUES	20.00	1.07
ECO-LOGISTICS	13.33	0.93
ENVIRONMENTAL MANAGEMENT AND OPERATIONS	13.33	0.93
GREEN PRODUCTS	13.33	0.93
LEAN AND GREEN OPERATIONS	13.33	0.93
CROSS-FUNCTIONAL INTERFACE	13.33	0.84
COMPETITIVE ADVANTAGE	13.33	0.83
MULTIVARIATE STATISTICAL TECHNIQUES	13.33	0.81
THEORY VERIFYING	13.33	0.81
LABORATORY RESEARCH	13.33	0.81
ARCHIVAL RESEARCH	13.33	0.81
APPLICATIONS	13.33	0.81
BUSINESS PROCESSES	13.33	0.78
ENTERPRISE TRANSFORMATION	13.33	0.78
INTERORGANIZATIONAL	13.33	0.78
NETWORK-CENTRIC ENTERPRISE	13.33	0.78
ENTERPRISE NETWORKS	13.33	0.78
QUALITATIVE RESEARCH	13.33	0.74
IMPLEMENTATION	13.33	0.73
FIELD RESEARCH	13.33	0.73
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	60.00	2.09
Management	40.00	-2.09
Journal	f(%)	σ
PROD OPER MANAG	60.00	2.09
J OPER MANAG	26.67	-2.02
M&SOM-MANUF SERV OP	13.33	0.04

Institution	f(%)	σ
LONDON	13.33	28.66
COLL BUSINESS ADM	13.33	16.57
UNIV BALTIMORE	13.33	56.38
RICHARD IVEY SCH BUSINESS	13.33	29.79
UNIV WESTERN ONTARIO	13.33	28.66
MERRICK SCH BUSINESS	13.33	60.90
UNIV CONNECTICUT	6.67	24.84
UNIV MINNESOTA	6.67	8.28
INDIANA UNIV	6.67	10.36
TIDE PROGRAM	6.67	74.61
KELLEY SCH BUSINESS	6.67	11.04
UNIV LOUISVILLE	6.67	43.06
CARLSON SCH MANAGEMENT	6.67	10.57
CORNELL UNIV	6.67	13.55
CTR EBUSINESS INNOVAT	6.67	74.61
FLORIDA INT UNIV	6.67	33.34
CARNEGIE MELLON UNIV	6.67	15.85
GEORGE MASON UNIV	6.67	21.50
UNIV OREGON	6.67	28.17
UNIV PENN	6.67	12.36
Country	f(%)	σ
Usa	66.67	19.94
Canada	13.33	12.70
France	6.67	10.57
Author	f(%)	σ
Klassen RD	20.00	7.79
Kekre S	13.33	8.68
Buhman C	13.33	9.65
Verma R	13.33	5.37
Gupta S	13.33	6.04
Carter CR	13.33	6.76
Kleindorfer PR	13.33	10.60
Corbett CJ	13.33	6.42
Gattiker TF	13.33	9.36
Victorino L	13.33	9.08

Reference	f(%)	σ
Pil FK, 2003, PROD OPER MANAG (12), 404	86.67	261.91
Kassinis GI, 2003, PROD OPER MANAG (12), 386	80.00	265.44
Klassen RD, 2003, PROD OPER MANAG (12), 336	53.33	172.98
Angell LC, 2001, PRODUCTION OPERATION (10), 306	46.67	175.80
Melnyk SA, 2003, PROD OPER MANAG (12), 369	46.67	203.68
Sroufe R, 2003, PROD OPER MANAG (12), 416	46.67	152.07
Corbett CJ, 2001, PROD OPER MANAG (10), 327	46.67	131.15
Flowers AD, 2003, PROD OPER MANAG (12), 307	40.00	179.27
Kleindorfer PR, 2005, PROD OPER MANAG (14), 53	40.00	82.05
Wolf FG, 2001, PROD OPER MANAG (10), 292	40.00	169.78
Singhal K, 1992, PRODUCTION OPERATION (1), 1	40.00	148.89
Rothenberg S, 2001, PROD OPER MANAG (10), 228	40.00	152.09
Delmas M, 2001, PROD OPER MANAG (10), 343	40.00	139.67
King AA, 2001, PROD OPER MANAG (10), 244	40.00	129.58
Porter ME, 1995, HARVARD BUS REV (73), 120	40.00	116.95
Bowen FE, 2001, PROD OPER MANAG (10), 174	40.00	154.47
Caro F, 2003, PROD OPER MANAG (12), 290	40.00	179.27
Reiskin E, 2000, J IND ECOL (3), 19	33.33	163.91
Hays JM, 2001, PROD OPER MANAG (10), 405	33.33	118.43
Sousa R, 2001, PROD OPER MANAG (10), 383	33.33	74.82
Craighead CW, 2004, PROD OPER MANAG (13), 307	33.33	107.30
Dow D, 1999, PROD OPER MANAG (8), 1	33.33	56.54
Klassen RD, 1996, MANAGE SCI (42), 1199	33.33	93.15
Kathuria R, 2001, PROD OPER MANAG (10), 460	33.33	136.27
Carter CR, 2000, TRANSPORT RES E-LOG (36), 219	26.67	140.08
RefJournal	f(%)	σ
PROD OPER MANAG	66.67	25.92
J OPER MANAG	66.67	27.74
MANAGE SCI	60.00	18.11
HARVARD BUS REV	60.00	25.87
ACAD MANAGE REV	46.67	23.19
PRODUCTION OPERATION	40.00	28.21
ACAD MANAGE J	40.00	21.08
DECISION SCI	33.33	15.68
J MANAGE	33.33	21.11
J MARKETING	33.33	18.83

Table 20: The community 11 - “EMPIRICAL ANALYSIS” contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/1$

Keyword	f(%)	tf-idf
EMPIRICAL ANALYSIS	17.39	0.97
SUPPLY CHAIN MANAGEMENT	34.78	0.76
EMPIRICAL RESEARCH	26.09	0.65
SUBSTITUTE PRODUCTS	8.70	0.62
VENDOR-MANAGED INVENTORY	8.70	0.60
CPFR	8.70	0.59
INFORMATION SYSTEMS VALUE	8.70	0.59
SUPPLY CHAIN FIT	8.70	0.58
CASE STUDIES	13.04	0.58
INTERNAL LINKAGES	8.70	0.57
EXTERNAL LINKAGES	8.70	0.57
LITERATURE REVIEW	13.04	0.56
RESEARCH OPPORTUNITIES IN SUPPLY CHAIN MANAGEMENT	8.70	0.56
SUPPLY CHAIN MANAGEMENT RESEARCH	8.70	0.56
DEMAND CHAIN MANAGEMENT	8.70	0.53
ARCHIVAL RESEARCH	8.70	0.53
MULTIVARIATE STATISTICAL TECHNIQUES	8.70	0.53
APPLICATIONS	8.70	0.53
LABORATORY RESEARCH	8.70	0.53
THEORY VERIFYING	8.70	0.53
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	56.52	-0.92
Engineering, Manufacturing	43.48	0.92

Institution	f(%)	σ
DEPT MANAGEMENT	13.04	14.77
ARIZONA STATE UNIV	13.04	24.26
WP CAREY SCH BUSINESS	13.04	29.23
LONDON BUSINESS SCH	8.70	26.23
COLL BUSINESS & ECON	8.70	31.06
UNIV WISCONSIN	8.70	28.34
SCH MANAGEMENT	8.70	10.92
COLL BUSINESS ADM	8.70	13.33
FAC MANAGEMENT	4.35	30.10
GEORGIA STATE UNIV	4.35	19.01
OWEN GRAD SCH MANAGEMENT	4.35	16.05
WASHINGTON UNIV	4.35	11.74
NYU	4.35	11.97
SCH GLOBAL MANAGEMENT & LEADERSHIP	4.35	60.25
UNIV CALIF RIVERSIDE	4.35	26.91
CORNELL UNIV	4.35	10.91
DEPT INFORMAT SYST	4.35	26.91
FLORIDA INT UNIV	4.35	26.91
FLORIDA ATLANTIC UNIV	4.35	24.56
COLL BUSINESS	4.35	5.80
Country	f(%)	σ
Usa	65.22	24.14
England	8.70	14.17
Canada	4.35	5.00
Switzerland	4.35	16.05
Author	f(%)	σ
Barratt M	13.04	9.13
Kraiselburd S	8.70	10.88
Cederlund J	8.70	12.42
Wagner SM	8.70	9.52
Raman A	8.70	7.62
Kouvelis P	8.70	4.38
Wang HY	8.70	10.11
Barratt R	8.70	10.70
Kohli R	8.70	9.18
Grosse-Ruyken PT	8.70	11.90

Reference	f(%)	σ
Clark TH, 1997, PRODUCTION OPERATION (6), 248	86.96	260.51
Cachon G, 1997, Production and Operations Management (6), 0	73.91	293.17
Lee HL, 1997, MANAGE SCI (43), 546	34.78	63.72
Aviv Y, 2001, MANAGE SCI (47), 1326	34.78	134.78
Kopczak LR, 1997, PRODUCTION OPERATION (6), 226	30.43	109.75
Fisher M, 1997, Production and Operations Management (6), 0	26.09	92.34
Gavirneni S, 1999, MANAGE SCI (45), 16	26.09	74.24
Aviv Y, 2002, Manufacturing & Service Operations Management (4), 0	26.09	126.06
Lee HL, 2000, MANAGE SCI (46), 626	26.09	73.99
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	21.74	35.54
Croson R, 2003, PROD OPER MANAG (12), 1	21.74	85.48
Vollmann TE, 2000, PROD OPER MANAG (9), 81	21.74	118.49
Chen F, 2000, MANAGE SCI (46), 436	21.74	73.35
Agrawal N, 2002, PROD OPER MANAG (11), 157	21.74	114.86
Whang S, 1995, J OPERATIONS MANAGEM (12), 413	21.74	120.87
Barratt M, 2001, INT J PHYS DISTRIB (31), 266	21.74	121.99
Jeuland a P, 1983, MARKET SCI (2), 239	21.74	77.91
Mabert VA, 1998, DECISION SCI (29), 537	21.74	70.53
Subramani M, 2004, MIS QUART (28), 45	21.74	59.88
Klassen RD, 2003, PROD OPER MANAG (12), 336	17.39	69.81
Chapman SN, 1990, DECISION SCI (21), 35	17.39	51.45
Boyer KK, 2000, PROD OPER MANAG (9), 128	17.39	48.67
Kreipl S, 2004, PROD OPER MANAG (13), 77	17.39	68.17
Chen CY, 2002, PROD OPER MANAG (11), 424	17.39	118.67
Agrawal N, 1997, Production and Operations Management (6), 0	17.39	85.95
RefJournal	f(%)	σ
MANAGE SCI	60.87	22.75
PRODUCTION OPERATION	60.87	53.30
PROD OPER MANAG	60.87	29.27
HARVARD BUS REV	47.83	25.45
Production and Operations Management	47.83	52.60
DECISION SCI	43.48	25.45
J OPER MANAG	43.48	22.24
J OPERATIONS MANAGEM	39.13	26.10
ACAD MANAGE J	39.13	25.53
EUR J OPER RES	34.78	20.20

Table 21: The community 14 - “RFID” contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/1$

Keyword	f(%)	tf-idf
RFID	42.86	2.14
INVENTORY MISPLACEMENT	14.29	1.10
FIELD EXPERIMENT	14.29	1.09
INVENTORY RECORD INACCURACY (IRI)	14.29	1.09
INVENTORY VISIBILITY	14.29	1.09
ENABLERS AND BARRIERS	14.29	1.03
COLLABORATION AND COORDINATION	14.29	1.03
COMPETITION AND CONFLICT	14.29	1.03
E-AUCTION	14.29	1.03
RADIO FREQUENCY IDENTIFICATION (RFID)	14.29	1.01
TECHNOLOGY ADOPTION	14.29	0.93
ENVIRONMENTAL COMPLEXITY	14.29	0.89
INFORMATION SYSTEMS CAPABILITIES	14.29	0.89
TOBIN'S Q	14.29	0.89
STRATEGIC IT ALIGNMENT	14.29	0.89
OPERATIONAL ABSORPTIVE CAPACITY	14.29	0.82
INCENTIVES	14.29	0.81
E-BUSINESS	14.29	0.81
THEORY DEVELOPMENT	14.29	0.72
SUPPLY CHAIN COORDINATION	14.29	0.71
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	78.57	3.48
Management	21.43	-3.48
Journal	f(%)	σ
PROD OPER MANAG	78.57	3.48
J OPER MANAG	21.43	-2.34

Institution	f(%)	σ
UNIV ARKANSAS	14.29	37.42
SAM M WALTON COLL BUSINESS	14.29	44.55
INDIANA UNIV	7.14	10.73
UNIV SO INDIANA	7.14	77.23
SUPPLY CHAIN MANAGEMENT DEPT	7.14	44.57
KELLEY SCH BUSINESS	7.14	11.43
COLL BUSINESS ADM	7.14	8.52
CRAIG SCH BUSINESS	7.14	44.57
FLORIDA INT UNIV	7.14	34.52
COLL BUSINESS	7.14	7.52
GEORGETOWN UNIV	7.14	21.38
PENN STATE UNIV	7.14	12.80
ARIZONA STATE UNIV	7.14	10.32
MCDONOUGH SCH BUSINESS	7.14	21.38
WP CAREY SCH BUSINESS	7.14	12.45
KENAN FLAGLER BUSINESS SCH	7.14	10.95
UNIV N CAROLINA	7.14	9.48
DEPT DECIS SCI & INFORMAT SYST	7.14	44.57
COLL BUSINESS & INNOVAT	7.14	77.23
UNIV TOLEDO	7.14	21.38
Country	f(%)	σ
Usa	64.29	18.56
Canada	7.14	6.50
Germany	7.14	16.05
Author	f(%)	σ
Choi T	14.29	11.91
Aloysius JA	14.29	24.67
Camdereli AZ	14.29	25.33
Barratt M	14.29	7.82
Swaminathan JM	14.29	6.68
Setia P	14.29	12.03
Kyparisis GJ	14.29	19.53
Patel PC	14.29	4.98
Hardgrave BC	14.29	18.50
Gupta S	14.29	6.28

Reference	f(%)	σ
Dutta A, 2007, PROD OPER MANAG (16), 646	85.71	393.18
Whitaker J, 2007, PROD OPER MANAG (16), 599	85.71	358.72
Delen D, 2007, PROD OPER MANAG (16), 613	50.00	239.89
Lee H, 2007, PROD OPER MANAG (16), 40	42.86	144.66
Gaukler GM, 2007, PROD OPER MANAG (16), 65	42.86	173.40
Kouvelis P, 2006, PROD OPER MANAG (15), 449	35.71	83.61
Buhman C, 2005, PROD OPER MANAG (14), 493	35.71	87.92
Heese HS, 2007, PROD OPER MANAG (16), 542	35.71	162.16
Bardhan I, 2007, PROD OPER MANAG (16), 747	28.57	85.82
Amini M, 2007, PROD OPER MANAG (16), 586	28.57	274.17
Raman A, 2001, CALIF MANAGE REV (43), 136	28.57	108.89
Dehoratius N, 2008, M&SOM-MANUF SERV OP (10), 257	28.57	238.03
Ngai EWT, 2007, PROD OPER MANAG (16), 554	28.57	125.22
Sambamurthy V, 2003, MIS QUART (27), 237	28.57	71.19
Rai A, 2006, MIS QUART (30), 225	28.57	70.19
Dehoratius N, 2008, MANAGE SCI (54), 627	28.57	106.82
Banker RD, 2006, MIS QUART (30), 315	28.57	86.97
Cotteleer MJ, 2006, MIS QUART (30), 643	28.57	100.72
Barratt M, 2007, PROD OPER MANAG (16), 569	28.57	189.23
Kang Y, 2005, IIE TRANS (37), 843	28.57	161.79
Swaminathan JM, 2003, MANAGE SCI (49), 1387	28.57	81.57
Karaer O, 2007, PROD OPER MANAG (16), 625	28.57	183.27
Boyer KK, 2002, PROD OPER MANAG (11), 480	28.57	81.39
Mithas S, 2005, J MARKETING (69), 201	21.43	98.38
Bharadwaj AS, 1999, MANAGE SCI (45), 1008	21.43	58.64
RefJournal	f(%)	σ
PROD OPER MANAG	64.29	24.14
MANAGE SCI	50.00	14.50
HARVARD BUS REV	42.86	17.76
J MARKETING	35.71	19.51
STRATEGIC MANAGE J	35.71	17.36
INT J PROD ECON	35.71	21.04
MARKET SCI	28.57	17.42
J MANAGE	28.57	17.44
INFORM SYST RES	28.57	26.98
MIS QUART	28.57	23.99

Table 22: The community 16 - “RFID” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/1$

Keyword	f(%)	tf-idf
RFID	43.33	2.16
SUPPLY UNCERTAINTY	13.33	0.83
RADIO FREQUENCY IDENTIFICATION (RFID)	10.00	0.71
INCENTIVES	10.00	0.57
INVENTORY RECORD INACCURACY	6.67	0.54
SAFETY LEAD TIMES	6.67	0.53
STOCHASTIC ORDERINGS	6.67	0.53
FLEXIBLE BACKUP SUPPLY	6.67	0.53
VALUE ASSESSMENT	6.67	0.53
MARKETING AND OPERATIONS INTERFACE	6.67	0.53
ARCHITECTURE	6.67	0.53
TRACEABILITY SYSTEM	6.67	0.53
CRITICAL SUCCESS FACTORS	6.67	0.53
GLOBAL SUPPLY CHAINS	6.67	0.52
STOCHASTIC LEAD TIMES	6.67	0.52
EMERGENCY ORDERING	6.67	0.52
ORDER PROGRESS INFORMATION	6.67	0.52
INVENTORY CONTROL	10.00	0.51
BARGAINING	6.67	0.50
SECURITY	6.67	0.50
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	86.67	6.03
Management	13.33	-6.03
Journal	f(%)	σ
PROD OPER MANAG	86.67	6.03
M&SOM-MANUF SERV OP	10.00	-0.49
J OPER MANAG	3.33	-5.41

Institution	f(%)	σ
KENAN FLAGLER BUSINESS SCH	13.33	30.03
UNIV N CAROLINA	13.33	26.04
STANFORD UNIV	10.00	26.28
WASHINGTON UNIV	6.67	20.60
GRAD SCH BUSINESS	6.67	14.23
ROTTERDAM SCH MANAGEMENT	6.67	35.12
TEXAS A&M UNIV	6.67	19.85
ERASMUS UNIV	6.67	28.14
UNIV MARYLAND	6.67	16.78
COLL BUSINESS & MANAGEMENT	3.33	26.35
GEORGIA INST TECHNOL	3.33	6.61
INDIANA UNIV	3.33	7.26
MCDONOUGH SCH BUSINESS	3.33	14.57
UNIV SO INDIANA	3.33	52.75
SUPPLY CHAIN MANAGEMENT DEPT	3.33	30.43
ROBINS SCH BUSINESS	3.33	23.56
COLL MANAGEMENT	3.33	6.85
CRANFIELD UNIV	3.33	52.75
DEPT MANAGEMENT	3.33	4.14
DEPT LOGIST	3.33	17.53
Country	f(%)	σ
Usa	56.67	23.87
Peoples r china	10.00	14.57
Netherlands	6.67	14.36
England	6.67	12.37
France	3.33	7.41
Author	f(%)	σ
Lee HL	10.00	14.08
So KC	6.67	16.79
Gaimon C	6.67	5.84
Choi T	6.67	8.01
Dutta A	6.67	19.85
Gaukler GM	6.67	12.95
Hausman WH	6.67	6.17
Barratt M	6.67	5.15
Whang SJ	6.67	13.26
Liu SX	6.67	19.85

Reference	f(%)	σ
Lee H, 2007, PROD OPER MANAG (16), 40	93.33	461.24
Gaukler GM, 2007, PROD OPER MANAG (16), 65	73.33	434.37
Raman A, 2001, CALIF MANAGE REV (43), 136	26.67	148.77
Dehoratius N, 2008, MANAGE SCI (54), 627	23.33	127.69
Delen D, 2007, PROD OPER MANAG (16), 613	23.33	163.85
Heese HS, 2007, PROD OPER MANAG (16), 542	23.33	155.08
Kang Y, 2005, IIE TRANS (37), 843	23.33	193.41
Dutta A, 2007, PROD OPER MANAG (16), 646	20.00	134.26
Whitaker J, 2007, PROD OPER MANAG (16), 599	20.00	122.49
Fleisch E, 2005, INT J PROD ECON (95), 373	16.67	156.83
Ngai EWT, 2007, PROD OPER MANAG (16), 554	16.67	106.91
Kok AG, 2007, M&SOM-MANUF SERV OP (9), 185	16.67	189.58
Song JS, 1994, MANAGE SCI (40), 603	16.67	127.38
Kouvelis P, 2006, PROD OPER MANAG (15), 449	13.33	45.64
Zipkin P, 1986, NAV RES LOG (33), 763	13.33	136.53
Elmaghraby W, 2007, PROD OPER MANAG (16), 409	13.33	68.00
Song JS, 1996, MANAGE SCI (42), 1409	13.33	119.98
Moinzadeh K, 1991, OPER RES (39), 308	13.33	132.09
Heim GR, 2002, PROD OPER MANAG (11), 54	13.33	53.58
Smith a D, 2005, Information Management & Computer Security (13), 0	13.33	207.85
Yano CA, 1995, OPER RES (43), 311	13.33	61.47
Dutta A, 2007, PROD OPER MANAG (16), 523	13.33	171.10
Kaplan RS, 1970, MANAGE SCI (16), 491	13.33	124.36
Prater E, 2005, SUPPLY CHAIN MANAG (10), 134	13.33	120.48
Barney J, 1991, J MANAGE (17), 99	13.33	20.72
RefJournal	f(%)	σ
PROD OPER MANAG	66.67	36.66
MANAGE SCI	60.00	25.61
IIE TRANS	36.67	31.83
OPER RES	36.67	21.81
CALIF MANAGE REV	36.67	32.44
INT J PROD ECON	26.67	22.91
EUR J OPER RES	20.00	13.08
NAV RES LOG	20.00	21.10
HARVARD BUS REV	20.00	11.87
M&SOM-MANUF SERV OP	20.00	17.40

Table 23: The community 18 - “FIELD STUDY” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/2$

Keyword	f(%)	tf-idf
FIELD STUDY	13.04	0.79
CASE STUDIES	17.39	0.77
RESEARCH	13.04	0.74
ETHNOGRAPHY	8.70	0.71
DATA ANALYSIS	8.70	0.64
HYPOTHESIS TESTING	8.70	0.64
INVENTORY DYNAMICS	8.70	0.64
LONG-TERM STOCK RETURNS	8.70	0.64
FINANCIAL ANALYSIS	8.70	0.64
MAJOR CUSTOMER	8.70	0.60
SALES CONCENTRATION	8.70	0.60
SUPPLY CHAIN CONCENTRATION	8.70	0.60
QUALITATIVE	8.70	0.59
TESTING	8.70	0.59
INDUCTIVE	8.70	0.59
DEDUCTIVE	8.70	0.59
METHODOLOGY	8.70	0.58
OPERATIONS MANAGEMENT/FINANCE		
INTERFACE	8.70	0.58
PETROLEUM/NATURAL GAS		
INDUSTRIES	8.70	0.58
RESEARCH METHODS	8.70	0.56

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	76.00	1.09
Engineering, Manufacturing	24.00	-1.09

Journal	f(%)	σ
J OPER MANAG	64.00	1.14
PROD OPER MANAG	24.00	-1.09
M&SOM-MANUF SERV OP	12.00	-0.15

Reference	f(%)	σ
Roth AV, 2007, M&SOM-MANUF SERV OP (9), 353	80.00	337.69
Fisher M, 2007, M&SOM-MANUF SERV OP (9), 368	68.00	333.83
Eisenhardt KM, 1989, ACAD MANAGE REV (14), 532	24.00	40.92
Wu ZH, 2005, J OPER MANAG (24), 27	24.00	84.12
Meredith J, 1998, J OPER MANAG (16), 441	24.00	57.84
Boyer K, 2008, J OPER MANAG (26), 337	20.00	106.25
Yoon G, 2002, INT J OPER PROD MAN (22), 105	20.00	60.10

Institution	f(%)	σ
ARIZONA STATE UNIV	8.70	16.13
DEPT MANAGEMENT	8.70	9.78
COLL BUSINESS	8.70	11.77
TEXAS CHRISTIAN UNIV	8.70	31.06
UNIV ARKANSAS	8.70	29.17
LEHIGH UNIV	8.70	45.51
SAM M WALTON COLL BUSINESS	8.70	34.74
COLL BUSINESS & ECON	8.70	31.06
UNIV MINNESOTA	4.35	6.64
UNIV SO INDIANA	4.35	60.25
SUPPLY CHAIN MANAGEMENT DEPT	4.35	34.77
IOWA STATE UNIV	4.35	19.01
MANAGEMENT SCI & OPERAT GRP	4.35	60.25
CARLSON SCH MANAGEMENT	4.35	8.50
MICHIGAN STATE UNIV	4.35	6.27
WHITMAN SCH MANAGEMENT	4.35	26.91
CORNELL UNIV	4.35	10.91
FUQUA SCH BUSINESS	4.35	15.50
OHIO STATE UNIV	4.35	8.59
INSEAD SOCIAL INNOVAT CTR	4.35	42.59

Country	f(%)	σ
Usa	69.57	25.79
Canada	4.35	5.00
England	4.35	7.02
France	4.35	8.50
Germany	4.35	12.49
Switzerland	4.35	16.05
Spain	4.35	10.24

Author	f(%)	σ
Secomandi N	8.00	9.47
Wempe WF	8.00	12.24
Choi TY	8.00	3.23
Barratt M	8.00	5.71
Rabinovich E	8.00	3.51
anonymous1	8.00	anonymous2
anonymous3	8.00	anonymous4
Lanier D	8.00	25.16
Steinker S	8.00	12.24
Li M	8.00	15.62
Hoberg K	8.00	7.51
	8.00	15.62

Table 24: The community 22 - “SUSTAINABILITY” contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/1$

Keyword	f(%)	tf-idf
SUSTAINABILITY	22.22	1.07
ENVIRONMENTAL ISSUES	16.67	0.89
DECISION-MAKING	11.11	0.78
BY-PRODUCTS	11.11	0.76
STAKEHOLDER PRESSURE	11.11	0.76
HUMAN RESOURCE TRAINING	11.11	0.76
ENVIRONMENTAL AND OPERATIONS		
MANAGEMENT	11.11	0.76
MEDIATION	11.11	0.76
LIFE CYCLE ASSESSMENT	11.11	0.74
SUSTAINABLE DEVELOPMENT		
INNOVATION	11.11	0.74
US MANUFACTURING INDUSTRIES	11.11	0.72
CROSS-FUNCTIONAL INTERFACE	11.11	0.70
COMPLEXITY THEORY	11.11	0.69
GREEN SUPPLY CHAIN MANAGEMENT	11.11	0.67
IMPLEMENTATION	11.11	0.61
ENVIRONMENTAL MANAGEMENT	11.11	0.56
QUESTIONNAIRES/SURVEYS/INTERVIEW		
S	11.11	0.54
COMPETITION	11.11	0.50
SUPPLY CHAIN	11.11	0.42
AWARDS	5.56	0.41
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	94.44	2.57
Engineering, Manufacturing	5.56	-2.57
Journal	f(%)	σ
J OPER MANAG	94.44	3.55
PROD OPER MANAG	5.56	-2.57

Institution	f(%)	σ
COLL BUSINESS	22.22	26.85
SCH MANAGEMENT	16.67	18.67
TORONTO	11.11	32.05
LONDON	11.11	26.15
COLL BUSINESS ADM	11.11	15.11
SCHULICH SCH BUSINESS	11.11	43.04
SCH BUSINESS	11.11	14.07
YORK UNIV	11.11	41.03
UNIV WESTERN ONTARIO	11.11	26.15
OREGON STATE UNIV	11.11	45.37
SCH ENGN	5.56	34.03
IOWA STATE UNIV	5.56	21.50
GEORGIA INST TECHNOL	5.56	8.61
ARIZONA STATE UNIV	5.56	9.08
MICHIGAN STATE UNIV	5.56	7.13
COLL MANAGEMENT	5.56	8.92
DEPT MANAGEMENT	5.56	5.47
GEORGIA SO UNIV	5.56	27.78
RICHARD IVEY SCH BUSINESS	5.56	13.55
IVEY SCH MANAGEMENT	5.56	68.11
Country	f(%)	σ
Usa	55.56	18.11
Canada	27.78	29.17
Peoples r china	11.11	12.56
Spain	5.56	11.60
Author	f(%)	σ
Pagell M	16.67	7.92
Hofer C	11.11	10.06
Wu ZH	11.11	8.54
Sarkis J	11.11	8.42
Dai J	11.11	12.03
Adenso-Diaz B	11.11	14.15
Gonzalez-Torre P	11.11	14.15
Cantor DE	11.11	9.94
Carter CR	11.11	6.11
Klassen R	11.11	14.48

Reference	f(%)	σ
Zhu QH, 2004, J OPER MANAG (22), 265	88.89	287.99
Melnyk SA, 2003, J OPER MANAG (21), 329	77.78	313.91
Kleindorfer PR, 2005, PROD OPER MANAG (14), 482	44.44	103.75
Sroufe R, 2003, PROD OPER MANAG (12), 416	38.89	138.82
Hart SL, 1995, ACAD MANAGE REV (20), 986	38.89	126.24
Walley N, 1994, HARVARD BUS REV (72), 46	38.89	131.58
Montabon F, 2007, J OPER MANAG (25), 998	33.33	172.96
Corbett CJ, 2006, M&SOM-MANUF SERV OP (8), 5	33.33	142.07
Fornell C, 1981, J MARKETING RES (18), 39	33.33	33.90
Guide VDR, 2003, J OPER MANAG (21), 259	33.33	136.10
Delmas M, 2001, PROD OPER MANAG (10), 343	27.78	106.23
Russo MV, 1997, ACAD MANAGE J (40), 534	27.78	86.99
Porter M, 1980, COMPETITIVE STRATEGY (0), 0	27.78	46.74
Hall J, 2003, MIT SLOAN MANAGE REV (45), 61	27.78	198.56
Freeman r E, 1984, STRATEGIC MANAGEMENT (0), 0	27.78	134.88
Christmann P, 2000, ACAD MANAGE J (43), 663	27.78	128.56
Porter ME, 1995, HARVARD BUS REV (73), 120	27.78	88.95
Linton JD, 2007, J OPER MANAG (25), 1075	27.78	128.56
Choi TY, 2001, J OPER MANAG (19), 351	27.78	81.69
Aiken LS, 1991, MULTIPLE REGRESSION (0), 0	27.78	52.92
Cyert r M, 1963, BEHAV THEORY FIRM (0), 0	27.78	76.03
Cohen J, 2003, APPL MULTIPLE REGRES (0), 0	27.78	61.32
Klassen RD, 1996, MANAGE SCI (42), 1199	27.78	85.02
Carter c R, 2004, Journal of Business Logistics (25), 0	27.78	135.14
Angell LC, 1999, J OPER MANAG (17), 575	27.78	105.27
RefJournal	f(%)	σ
J OPER MANAG	66.67	30.38
PROD OPER MANAG	61.11	26.00
ACAD MANAGE J	61.11	35.44
ACAD MANAGE REV	61.11	33.36
MANAGE SCI	55.56	18.32
INT J OPER PROD MAN	55.56	35.13
STRATEGIC MANAGE J	55.56	30.81
J MANAGE	44.44	30.91
HARVARD BUS REV	44.44	20.89
ORGAN SCI	44.44	30.86

Table 25: The community 23 - “RFID” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/1$

Keyword	f(%)	tf-idf
RFID	64.29	3.21
REVERSE CHANNELS	14.29	1.10
INVENTORY RECORD INACCURACY (IRI)	14.29	1.09
INVENTORY VISIBILITY	14.29	1.09
FIELD EXPERIMENT	14.29	1.09
BUSINESS PROCESS IMPROVEMENT	14.29	1.03
SIMULATION MODELING AND ANALYSIS	14.29	1.03
ENABLERS AND BARRIERS	14.29	1.03
COLLABORATION AND COORDINATION	14.29	1.03
COMPETITION AND CONFLICT	14.29	1.03
E-AUCTION	14.29	1.03
RADIO FREQUENCY IDENTIFICATION (RFID)	14.29	1.01
BENEFITS	14.29	0.93
ADOPTION	14.29	0.93
BUSINESS VALUE OF IT	14.29	0.93
INVENTORY	21.43	0.92
VISIBILITY	14.29	0.91
INFORMATION TECHNOLOGY	21.43	0.87
VALUE OF INFORMATION	14.29	0.81
E-BUSINESS	14.29	0.81
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	85.71	4.04
Management	14.29	-4.05
Journal	f(%)	σ
PROD OPER MANAG	85.71	4.04
M&SOM-MANUF SERV OP	7.14	-0.65
J OPER MANAG	7.14	-3.41

Institution	f(%)	σ
MISSISSIPPI STATE UNIV	7.14	77.23
UNIV MARYLAND	7.14	12.29
SUPPLY CHAIN MANAGEMENT DEPT	7.14	44.57
WASHINGTON UNIV	7.14	15.08
ROBINS SCH BUSINESS	7.14	34.52
DEPT MANAGEMENT	7.14	6.24
FLORIDA INT UNIV	7.14	34.52
COLL BUSINESS	7.14	7.52
UNIV MEMPHIS	7.14	44.57
STANFORD GRAD SCH BUSINESS	7.14	77.23
ANTAI COLL ECON & MANAGEMENT	7.14	29.16
UNIV ARKANSAS	7.14	18.68
ARIZONA STATE UNIV	7.14	10.32
ROSS SCH BUSINESS	7.14	23.25
UNIV SO INDIANA	7.14	77.23
WP CAREY SCH BUSINESS	7.14	12.45
SHANGHAI JIAO TONG UNIV	7.14	31.50
JOHN M OLIN SCH BUSINESS	7.14	21.38
COOK SYST INT	7.14	77.23
COLL BUSINESS & INNOVAT	7.14	77.23
Country	f(%)	σ
Usa	64.29	18.56
Canada	7.14	6.50
Peoples r china	7.14	7.07
Author	f(%)	σ
Pitts MG	14.29	19.69
Whitaker J	14.29	13.86
Aloysius JA	14.29	24.67
Amini M	14.29	19.69
Mithas S	14.29	10.34
Krishnan MS	14.29	13.86
Kyparisis GJ	14.29	19.53
Hardgrave BC	14.29	18.50
Karaer O	14.29	25.33
Gupta S	14.29	6.28

Reference	f(%)	σ
Delen D, 2007, PROD OPER MANAG (16), 613	85.71	411.26
Heese HS, 2007, PROD OPER MANAG (16), 542	85.71	389.24
Lee H, 2007, PROD OPER MANAG (16), 40	57.14	192.89
Ngai EWT, 2007, PROD OPER MANAG (16), 554	50.00	219.16
Dutta A, 2007, PROD OPER MANAG (16), 646	42.86	196.58
Whitaker J, 2007, PROD OPER MANAG (16), 599	42.86	179.34
Gaukler GM, 2007, PROD OPER MANAG (16), 65	42.86	173.40
Kouvelis P, 2006, PROD OPER MANAG (15), 449	35.71	83.61
Cachon GP, 2000, MANAGE SCI (46), 1032	35.71	64.89
Mithas S, 2005, J MARKETING (69), 201	28.57	131.19
Amini M, 2007, PROD OPER MANAG (16), 586	28.57	274.17
Tsikriktisis N, 2004, PROD OPER MANAG (13), 216	28.57	72.54
Blackburn JD, 2004, CALIF MANAGE REV (46), 6	28.57	101.19
Murphy TF, 2005, AM J BIOETHICS (5), 18	28.57	218.51
Mithas S, 2007, PROD OPER MANAG (16), 455	28.57	119.21
Karaer O, 2007, PROD OPER MANAG (16), 625	28.57	183.27
Johnson ME, 2002, PROD OPER MANAG (11), 413	28.57	72.34
Barratt M, 2007, PROD OPER MANAG (16), 569	28.57	189.23
Swaminathan JM, 2003, MANAGE SCI (49), 1387	28.57	81.57
Bharadwaj AS, 1999, MANAGE SCI (45), 1008	21.43	58.64
Camdereli AZ, 2010, PROD OPER MANAG (19), 1	21.43	157.56
Prater E, 2005, SUPPLY CHAIN MANAG (10), 134	21.43	132.28
Raman A, 2001, CALIF MANAGE REV (43), 136	21.43	81.66
Brynjolfsson E, 1996, MANAGE SCI (42), 541	21.43	50.93
Mukhopadhyay T, 1995, MIS QUART (19), 137	21.43	61.19
RefJournal	f(%)	σ
PROD OPER MANAG	64.29	24.14
MANAGE SCI	50.00	14.50
CALIF MANAGE REV	35.71	21.58
HARVARD BUS REV	35.71	14.74
M&SOM-MANUF SERV OP	28.57	17.08
J OPER MANAG	28.57	11.29
J MARKETING	28.57	15.55
SUPPLY CHAIN MANAG	28.57	26.88
J MANAGE	21.43	13.03
INFORM SYST RES	21.43	20.20

Table 26: The community 25 - “CONSUMER CHOICE” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/1$

Keyword	f(%)	tf-idf
CONSUMER CHOICE	26.32	1.78
ASSORTMENT PLANNING	26.32	1.72
MULTINOMIAL LOGIT MODEL	21.05	1.34
ASSORTMENT OPTIMIZATION	10.53	0.86
MATHEMATICAL MODELS	10.53	0.85
MARKETING AND MANUFACTURING		
INTERFACES	10.53	0.85
ORDERING AND PRICING	10.53	0.85
MARKETING INTERFACE	10.53	0.83
SLOTING FEES	10.53	0.83
PRODUCT VARIETY	15.79	0.82
SUBSTITUTABLE PRODUCTS	10.53	0.76
VERTICAL DIFFERENTIATION	10.53	0.69
OM-MARKETING INTERFACE	10.53	0.66
PRICING	15.79	0.59
RETAIL OPERATIONS	10.53	0.57
SUPPLY CHAIN MANAGEMENT	26.32	0.57
OPERATIONS	10.53	0.51
GAME THEORY	10.53	0.46
INVENTORY	10.53	0.45
INVENTORY MANAGEMENT	10.53	0.45
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	52.63	-1.19
Engineering, Manufacturing	47.37	1.19
Journal	f(%)	σ
M&SOM-MANUF SERV OP	47.37	4.46
PROD OPER MANAG	47.37	1.19
J OPER MANAG	5.26	-4.14

Institution	f(%)	σ
DEPT MANAGEMENT SCI	10.53	19.46
SAUDER SCH BUSINESS	10.53	39.94
FUQUA SCH BUSINESS	10.53	34.18
CITY UNIV HONG KONG	10.53	38.23
ARIZONA STATE UNIV	10.53	17.78
WP CAREY SCH BUSINESS	10.53	21.42
HONG KONG	10.53	30.36
FAC BUSINESS	10.53	30.36
DUKE UNIV	10.53	32.10
VANCOUVER	10.53	36.73
UNIV CALIF LOS ANGELES	10.53	21.42
UNIV BRITISH COLUMBIA	10.53	36.73
UNIV MICHIGAN	10.53	19.90
HENRY W BLOCH SCH MANAGEMENT	5.26	66.29
LEE KONG CHIAN SCH BUSINESS	5.26	22.06
UNIV MISSOURI	5.26	25.02
OWEN GRAD SCH MANAGEMENT	5.26	17.67
WASHINGTON UNIV	5.26	12.93
UNIV INT BUSINESS & ECON	5.26	66.29
SCH INT BUSINESS ADM	5.26	46.86
Country	f(%)	σ
Usa	57.89	19.42
Peoples r china	26.32	30.77
Canada	10.53	11.25
Singapore	5.26	10.39
Author	f(%)	σ
Kok AG	15.79	20.17
Aydin G	10.53	11.75
Bernstein F	10.53	16.87
Hausman WH	10.53	7.90
Honhon D	10.53	12.62
Pan XA	10.53	17.01
Tang CS	10.53	6.75
Xie L	10.53	30.37
Li ZL	10.53	18.66
Yin R	10.53	17.01

Reference	f(%)	σ
Cachon g P, 2005, Manufacturing & Service Operations Management (7), 0	94.74	528.88
Van ryzin G, 1999, MANAGE SCI (45), 1496	84.21	304.85
Hopp w J, 2005, Manufacturing & Service Operations Management (7), 0	57.89	475.65
Smith SA, 2000, OPER RES (48), 50	57.89	245.12
Gaur V, 2006, MANAGE SCI (52), 1528	47.37	253.69
Netessine S, 2003, OPER RES (51), 329	31.58	169.11
Aydin G, 2008, OPER RES (56), 1247	26.32	151.84
Cachon GP, 2007, MANAGE SCI (53), 934	26.32	216.77
Petruzzi NC, 1999, OPER RES (47), 183	21.05	72.91
Gaur V, 2005, PROD OPER MANAG (14), 377	21.05	152.34
Mahajan S, 2001, OPER RES (49), 646	21.05	130.58
Mussa M, 1978, J ECON THEORY (18), 301	21.05	87.09
Moorthy k S, 1984, MARKET SCI (3), 288	21.05	85.03
Mahajan S, 2001, OPER RES (49), 334	21.05	108.38
Kok AG, 2008, RETAIL SUPPLY CHAIN (0), 0	21.05	331.20
Dobson G, 1988, MARKET SCI (7), 107	21.05	125.69
Netessine S, 2007, MARKET SCI (26), 101	15.79	109.16
Guadagni P, 1983, MARKET SCI (2), 203	15.79	138.08
Lippman SA, 1997, OPER RES (45), 54	15.79	98.22
Cachon GP, 2008, MARKET SCI (27), 461	15.79	166.87
Bassok Y, 1999, OPER RES (47), 632	15.79	98.68
Chu WJ, 1992, MARKET SCI (11), 327	15.79	194.71
Kok AG, 2007, OPER RES (55), 1001	15.79	122.10
Cachon G, 2003, HDB OPERATIONS RES M (0), 0	15.79	84.16
Elmaghraby W, 2003, MANAGE SCI (49), 1287	15.79	58.66
RefJournal	f(%)	σ
MANAGE SCI	73.68	25.15
Manufacturing & Service Operations Management	73.68	46.89
OPER RES	63.16	30.18
MARKET SCI	52.63	37.60
M&SOM-MANUF SERV OP	36.84	25.73
PROD OPER MANAG	36.84	15.93
NAV RES LOG	31.58	26.64
MANUFACTURING SERVIC	26.32	29.64
J IND ECON	26.32	37.68
HDB OPERATIONS RES M	26.32	36.96

Table 27: The community 26 - “OUTSOURCING” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/1$

Keyword	f(%)	tf-idf
OUTSOURCING	54.55	1.95
INTER-ORGANIZATIONAL CONTROL	18.18	1.03
INTER-ORGANIZATIONAL POWER	13.64	0.80
EMERGING MARKETS	13.64	0.76
FIRM BOUNDARY THEORY	9.09	0.60
RELATIONAL VIEW OF		
INTER-ORGANIZATIONAL COMPETITIVE ADVANTAGE	9.09	0.60
ORGANIZATIONAL CAPABILITIES	9.09	0.60
GLOBAL OUTSOURCING STRATEGIES	9.09	0.59
INFORMATION TECHNOLOGY ENABLED		
SERVICES	9.09	0.59
BPO INTEGRATION	9.09	0.59
STRATEGIC SOURCING	9.09	0.58
INTER-ORGANIZATIONAL		
COORDINATION	9.09	0.57
AGENCY THEORY	9.09	0.53
SOFTWARE DEVELOPMENT	9.09	0.52
SUPPLY CHAIN INTEGRATION	9.09	0.39
PROJECT MANAGEMENT	9.09	0.36
ORGANISATIONAL BEHAVIOR	4.55	0.34
CUSTOMER POWER	4.55	0.33
INVENTORIES	4.55	0.33
FDI	4.55	0.33
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	77.27	1.15
Engineering, Manufacturing	22.73	-1.15
Journal	f(%)	σ
J OPER MANAG	77.27	2.31
PROD OPER MANAG	22.73	-1.15
Reference	f(%)	σ
Ellram LM, 2008, J OPER MANAG (26), 148	81.82	281.55
Handley SM, 2009, J OPER MANAG (27), 344	72.73	246.39
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	50.00	66.15
Poppo L, 2002, STRATEGIC MANAGE J (23), 707	45.45	122.79
Klein B, 1978, J LAW ECON (21), 297	40.91	134.55
Nunnally JC, 1978, PSYCHOMETRIC THEORY (9), 9	40.91	54.28

Institution	f(%)	σ
OHIO STATE UNIV	22.73	44.37
FISHER COLL BUSINESS	22.73	46.89
DEPT MANAGEMENT SCI	13.64	27.15
DEPT MANAGEMENT	13.64	15.12
RUTGERS BUSINESS SCH	13.64	61.57
DEPT SUPPLY CHAIN MANAGEMENT		
& MKT SCI	13.64	65.31
RUTGERS STATE UNIV	13.64	53.31
MICHIGAN STATE UNIV	9.09	12.99
ELI BROAD SCH BUSINESS	9.09	43.53
UNIV NOTRE DAME	9.09	24.09
SCH BUSINESS ADM	9.09	23.21
UNIV N CAROLINA	9.09	15.16
OFF 986	9.09	87.12
DEPT OPERAT TECHNOL & INNOVAT		
MANAGEMENT	9.09	71.12
UNIV MIAMI	9.09	32.88
KENAN FLAGLER BUSINESS SCH	9.09	17.50
SCH MANAGEMENT	9.09	11.18
DEPT SUPPLY CHAIN MANAGEMENT	9.09	18.48
VLERICK LEUVEN GENT MANAGEMENT		
SCH	4.55	61.60
UNIV VERONA	4.55	61.60
Country	f(%)	σ
Usa	54.55	19.65
Peoples r china	9.09	11.33
U arab emirates	4.55	43.55
Italy	4.55	17.03
Portugal	4.55	18.53
North ireland	4.55	30.78
Belgium	4.55	18.53
England	4.55	7.18
Author	f(%)	σ
Handley SM	40.91	20.49
Benton WC	22.73	10.52
Luo YD	13.64	9.11
Swaminathan JM	13.64	7.97
Narayanan S	13.64	9.18
Jayaraman V	13.64	9.51
Gray JV	9.09	7.15
Anderson EG	9.09	4.80
Parker GG	9.09	5.25
Roodhooft F	4.55	6.27

Table 28: The community 27 - “CHOICE BEHAVIOR” contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/1$

Keyword	f(%)	tf-idf	Institution	f(%)	σ
CHOICE BEHAVIOR	43.75	2.73	CORNELL UNIV	18.75	39.51
NETWORK REVENUE MANAGEMENT	31.25	2.03	NYU	12.50	28.84
MULTINOMIAL LOGIT	25.00	1.83	GRAD SCH BUSINESS	12.50	19.57
CUSTOMER CHOICE	25.00	1.66	COLUMBIA UNIV	12.50	21.22
NETWORK CAPACITY CONTROL	18.75	1.34	LEONARD N STERN SCH BUSINESS	12.50	48.13
DYNAMIC PROGRAMMING	25.00	1.30	SCH OPERAT RES & INFORMAT		
AIRLINE	12.50	1.08	ENGN	12.50	83.41
APPROXIMATE DYNAMIC			UNIV MINNESOTA	6.25	8.01
PROGRAMMING	12.50	1.08	GEORGIA INST TECHNOL	6.25	9.15
REVENUE MANAGEMENT	25.00	1.05	UNIV WARWICK	6.25	32.28
ASSORTMENT	12.50	1.03	NEW YORK UNIV	6.25	72.24
CAPACITY CONTROL	12.50	0.98	COLL MANAGEMENT	6.25	9.47
EM METHOD	12.50	0.98	SCH CIVIL & ENVIRONM ENGN	6.25	51.07
MAXIMUM LIKELIHOOD	12.50	0.98	RA-1428 BUENOS AIRES	6.25	72.24
STOCHASTIC GRADIENT METHODS	12.50	0.97	HYDERABAD 500032	6.25	32.28
PRICING	25.00	0.94	INDIAN SCH BUSINESS	6.25	29.46
SIMULATION-BASED OPTIMIZATION	12.50	0.90	PROGRAM IND & SYST ENGN	6.25	51.07
MULTINOMIAL LOGIT CHOICE			DEPT INFORMAT OPERAT &		
MODEL	12.50	0.89	MANAGEMENT SCI	6.25	36.10
BUYER BEHAVIOR	12.50	0.89	RES GRP	6.25	51.07
MARKETING	12.50	0.66	MICROSOFT CORP	6.25	72.24
PRODUCT VARIETY	12.50	0.65	KUEHNE LOGIST UNIV	6.25	72.24
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	50.00	15.32
Management	50.00	-1.32	Canada	6.25	6.06
Engineering, Manufacturing	50.00	1.32	England	6.25	8.46
			India	6.25	16.52
			Germany	6.25	15.00
			Argentina	6.25	41.69
			Peoples r china	6.25	6.59
			Spain	6.25	12.31
Journal	f(%)	σ	Author	f(%)	σ
M&SOM-MANUF SERV OP	50.00	4.40	Vulcano G	31.25	30.63
PROD OPER MANAG	50.00	1.32	Topaloglu H	25.00	47.46
			Van Ryzin G	18.75	19.18
			Chaneton JM	12.50	24.72
			Zhang D	12.50	12.73
			Xie XQ	12.50	25.09
			Kunnumkal S	12.50	37.27
			Chaar W	12.50	25.48
			Anderson CK	12.50	25.09
			Bodea T	6.25	15.35

Reference	f(%)	σ
Talluri K, 2004, MANAGE SCI (50), 15	100.00	340.45
Liu Q, 2008, M&SOM-MANUF SERV OP (10), 288	87.50	612.40
Van ryzin G, 2008, M&SOM-MANUF SERV OP (10), 448	87.50	619.58
Zhang D, 2005, OPER RES (53), 415	68.75	354.39
Talluri KT, 2004, THEORY PRACTICE REVE (0), 0	56.25	154.24
Zhang D, 2009, TRANSPORT SCI (43), 381	56.25	473.51
Bront JJM, 2009, OPER RES (57), 769	56.25	491.89
Belobaba PP, 1996, DECISION SCI (27), 343	43.75	377.19
Belobaba PP, 1987, THESIS MIT CAMBRIDGE (0), 0	43.75	328.96
Andersson S-E, 1998, International Transactions in		
Operational Research (5), 0	43.75	352.21
Talluri K, 1998, MANAGE SCI (44), 1577	37.50	238.84
Kunnumkal S, 2008, NAV RES LOG (55), 563	37.50	432.26
Mahajan S, 2001, OPER RES (49), 334	31.25	147.65
Algiers S, 2001, International Journal of Services		
Technology and Management (2), 0	31.25	282.57
Ben-akiva M, 1994, DISCRETE CHOICE ANAL (0), 0	25.00	256.46
Farias VF, 2007, APPROXIMATE DYNAMIC (0), 0	25.00	319.69
Talluri KT, 2005, THEORY PRACTICE REVE (0), 0	25.00	112.14
Bertsekas DP, 1996, NEURODYNAMIC PROGRAM (0), 0	25.00	237.27
Topaloglu H, 2009, OPER RES (57), 637	25.00	268.71
Boyd e A, 2004, J REVENUE PRICING MA (3), 171	25.00	281.22
Gallego G, 1997, OPER RES (45), 24	25.00	101.22
Ratliff EM, 2008, J REVENUE PRICING MA (7), 153	25.00	317.26
Train k E, 2003, DISCRETE CHOICE METH (0), 0	25.00	196.52
Adelman D, 2007, OPER RES (55), 647	25.00	248.01
Gallego G, 2004, TR200401 COL U COMP (0), 0	25.00	375.96
RefJournal	f(%)	σ
MANAGE SCI	62.50	19.50
M&SOM-MANUF SERV OP	62.50	40.23
OPER RES	62.50	27.41
THEORY PRACTICE REVE	50.00	82.53
TRANSPORT SCI	37.50	52.11
J REVENUE PRICING MA	31.25	87.60
EUR J OPER RES	31.25	15.11
DECISION SCI	31.25	15.16
International Transactions in Operational		
Research		
THESIS MIT CAMBRIDGE	25.00	48.11

Table 29: The community 28 - “PRODUCT DEVELOPMENT” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/2$

Keyword	f(%)	tf-idf
PRODUCT DEVELOPMENT	36.36	1.28
COMPETITIVE CAPABILITIES	13.64	0.74
DISRUPTION RISK MITIGATION AND RESPONSE	9.09	0.64
ROLE CHANGE	9.09	0.62
DESIGN ENGINEERS	9.09	0.62
PLATFORM STRATEGY	9.09	0.61
SUPPLY MANAGEMENT PRACTICES	9.09	0.61
SOCIAL NETWORK THEORY	9.09	0.61
PRODUCT-PROCESS-SUPPLY CHAIN DESIGN	9.09	0.60
MANUFACTURING STRATEGY PROCESS	9.09	0.59
ORGANIZATIONAL KNOWLEDGE	9.09	0.59
AGILITY	9.09	0.58
MEASUREMENT/METHODOLOGY	9.09	0.56
MARKETING/MANUFACTURING INTERFACE	9.09	0.51
TEAMS	9.09	0.49
ENVIRONMENT	9.09	0.47
RESOURCE-BASED VIEW	9.09	0.44
SUPPLY CHAIN INTEGRATION	9.09	0.39
FLEXIBILITY	9.09	0.38
EMPIRICAL RESEARCH	13.64	0.34
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	95.45	2.94
Engineering, Manufacturing	4.55	-2.95
Journal	f(%)	σ
J OPER MANAG	95.45	4.02
PROD OPER MANAG	4.55	-2.95

Institution	f(%)	σ
COLL BUSINESS ADM	22.73	34.32
UNIV TOLEDO	22.73	85.40
FLORIDA ATLANTIC UNIV	18.18	100.59
UNIV MINNESOTA	9.09	13.73
MICHIGAN STATE UNIV	9.09	12.99
CARLSON SCH MANAGEMENT	9.09	17.50
COLL BUSINESS	9.09	12.05
DEPT MANAGEMENT & MKT	9.09	34.12
OHIO STATE UNIV	9.09	17.68
UNIV WISCONSIN	9.09	28.98
SCH MANAGEMENT	9.09	11.18
FISHER COLL BUSINESS	9.09	18.69
DEPT MANAGEMENT	9.09	10.01
DEPT IND ENGN & MANAGEMENT	4.55	25.12
UNIV MODENA & REGGIO EMILIA	4.55	43.55
SHATIN	4.55	12.24
TEXAS A&M UNIV	4.55	11.56
CHINESE UNIV HONG KONG	4.55	11.78
LOUISIANA TECH UNIV	4.55	61.60
LAMAR UNIV	4.55	61.60
Country	f(%)	σ
Usa	72.73	26.40
Peoples r china	9.09	11.33
Brazil	4.55	30.78
U arab emirates	4.55	43.55
Italy	4.55	17.03
Finland	4.55	23.25
Author	f(%)	σ
Vonderembse MA	27.27	13.72
Koufteros XA	22.73	17.14
Doll WJ	18.18	17.68
Nahm AY	13.64	12.67
Braunscheidel MJ	9.09	14.20
Lai KH	9.09	6.61
Hong P	9.09	12.63
Roth AV	9.09	1.96
Cheng TCE	9.09	4.59
Paiva EL	9.09	11.04

Reference	f(%)	σ
Koufteros XA, 1999, J OPER MANAG (17), 467	77.27	264.62
Koufteros X, 2001, J OPER MANAG (19), 97	68.18	282.70
Fornell C, 1981, J MARKETING RES (18), 39	63.64	71.73
Clark k B, 1991, PRODUCT DEV PERFORMA (0), 0	36.36	68.21
Gerbing DW, 1988, J MARKETING RES (25), 186	36.36	73.86
Teece DJ, 1997, STRATEGIC MANAGE J (18), 509	31.82	52.03
Bentler PM, 1980, PSYCHOL BULL (88), 588	31.82	65.11
Hair JF, 1995, MULTIVARIATE DATA AN (0), 0	31.82	78.22
Armstrong JS, 1977, J MARKETING RES (14), 396	27.27	36.09
Doll WJ, 1991, OMEGA-INT J MANAGE S (19), 401	27.27	123.09
Koufteros XA, 2002, J OPER MANAG (20), 331	27.27	99.96
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	27.27	36.13
Blackburn j D, 1991, TIME BASED COMPETITI (0), 0	27.27	94.27
Krause DR, 2001, J OPER MANAG (19), 497	22.73	87.10
Narasimhan R, 2006, J OPER MANAG (24), 440	22.73	81.29
Cohen WM, 1990, ADMIN SCI QUART (35), 128	22.73	38.82
Koufteros x A, 1998, Journal of Operations Management (16), 0	22.73	79.63
Churchill GA, 1979, J MARKETING RES (16), 64	22.73	39.37
Hall RW, 1991, MEASURING CHARTING P (0), 0	22.73	158.61
Byrne BM, 1998, STRUCTURAL EQUATION (0), 0	22.73	76.68
Frohlich MT, 2001, J OPER MANAG (19), 185	22.73	37.22
Hartley j L, 1997, Journal of Operations Management (15), 0	22.73	72.88
Carr AS, 1999, J OPER MANAG (17), 497	22.73	40.68
Tatikonda MV, 2000, J OPER MANAG (18), 401	22.73	59.00
Clark KB, 1989, MANAGE SCI (35), 1247	22.73	58.03
RefJournal	f(%)	σ
J OPER MANAG	77.27	39.00
DECISION SCI	68.18	39.24
HARVARD BUS REV	63.64	33.25
ACAD MANAGE REV	63.64	38.42
J MARKETING RES	63.64	41.98
MANAGE SCI	59.09	21.59
Journal of Operations Management	54.55	41.20
ADMIN SCI QUART	54.55	39.26
ACAD MANAGE J	54.55	34.93
STRATEGIC MANAGE J	54.55	33.43