## 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 f 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(frac1p) is also given.

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Table 1: The community 1 - "SUPPLY CHAIN INTEGRATION" contains N=17 articles. Its average internal link weight is  $<\omega_{in}>\simeq 1/15$ 

Keyword	f(%)	tf-idf	Institution	f(%)	$\sigma$
SUPPLY CHAIN INTEGRATION	17.70	0.76	DEPT MANAGEMENT	5.85	25.12
SUPPLY CHAIN MANAGEMENT	26.55	0.58	COLL BUSINESS ADM	5.26	30.89
CHINA	7.37	0.37	MICHIGAN STATE UNIV	4.97	27.74
EMPIRICAL RESEARCH	11.21	0.28	SCH MANAGEMENT	4.39	20.90
INTERNAL INTEGRATION	4.42	0.26	COLL BUSINESS	3.80	19.48
STRUCTURAL EQUATION MODELING	6.78	0.25	DEPT SUPPLY CHAIN MANAGEMENT	3.51	27.86
RELATIONSHIP COMMITMENT	3.83	0.23	ARIZONA STATE UNIV	2.92	20.61
PERFORMANCE	5.31	0.20	WP CAREY SCH BUSINESS	2.63	22.43
OPERATIONAL PERFORMANCE	3.83	0.20	GOIZUETA BUSINESS SCH	2.63	25.78
OWNERSHIP	2.95	0.20	INDIANA UNIV	2.63	19.24
EXTERNAL INTEGRATION	2.95	0.20	FISHER COLL BUSINESS	2.34	18.65
TAXONOMY	3.54	0.19	TEXAS CHRISTIAN UNIV	2.34	32.04
SUPPLIER INTEGRATION	3.54	0.19	EMORY UNIV	2.34	21.07
SALES CONCENTRATION	2.65	0.18	SCH BUSINESS	2.34	12.43
MAJOR CUSTOMER	2.65	0.18	OHIO STATE UNIV	2.34	17.61
SUPPLY CHAIN CONCENTRATION	2.65	0.18	COLL MANAGEMENT	2.05	14.01
EXPLOITATION	3.54	0.17	DEPT MANAGEMENT SCI	2.05	15.70
EXPLORATION	3.54	0.17	KELLEY SCH BUSINESS	2.05	15.88
ARCS OF INTEGRATION	2.36	0.17	GEORGIA INST TECHNOL	2.05	13.51
RESOURCE-BASED VIEW (RBV)	2.36	0.17	SCH BUSINESS ADM	2.05	20.34
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	38.01	53.27
Management	89.18	9.17	England	3.80	23.58
Engineering, Manufacturing	10.82	-9.17	Peoples r china	3.51	16.81
			Canada	3.22	14.06
			Australia	1.17	14.06
			Netherlands	1.17	8.12
			Spain	1.17	10.35
			Switzerland	0.88	12.29
			Italy	0.88	12.77
			South korea	0.88	9.70
Journal	f(%)	$\sigma$	Author	f(%)	$\sigma$
J OPER MANAG	87.43	12.88	Huo BF	7.02	19.94
PROD OPER MANAG	10.82	-9.17	Zhao XD	7.02	16.33
M&SOM-MANUF SERV OP	1.75	-6.18	Swink M	6.43	7.64
			Flynn BB	4.39	9.44
			Rosenzweig ED	4.09	4.76
		İ	Yeung JHY	3.80	12.74
			Narasimhan R	3.51	3.01
			Devaraj S	3.51	4.99
			Zacharia ZG	3.51	13.80
			Sanders NR	3.22	10.30

Frohlich MT, 2001, J OPER MANAG (19), 185         55.56         359.52           Podsakoff PM, 2003, J APPL PSYCHOL (88), 879         38.89         202.72           Fornell C, 1981, J MARKETING RES (18), 39         34.80         154.29           Vickery SK, 2003, J OPER MANAG (21), 523         33.92         296.39           Podsakoff PM, 1986, J MANAGE (12), 531         31.87         180.25           Anderson JC, 1988, PSYCHOL BULL (103), 411         29.82         280.18           Narasimhan R, 2002, J OPER MANAG (21), 437         29.82         280.18           Narasimhan R, 2002, J OPER MANAG (20), 303         28.36         270.63           Armstrong JS, 1977, J MARKETING RES (14), 396         27.49         143.42           Dyer JH, 1998, ACAD MANAGE REV (23), 660         25.15         157.87           Das A, 2006, J OPER MANAG (24), 563         24.56         258.23           Narasimhan R, 1998, DECISION SCI (29), 579         22.81         205.85           Pagell M, 2004, J OPER MANAG (25), 1199         21.35         266.95           Barney J, 1991, J MANAGE (17), 99         20.47         107.73           Swink M, 2007, J OPER MANAG (25), 148         20.47         217.79           Miller JG, 1994, MANAGE SCI (40), 285         20.47         117.19           Bagozzi RP, 1991, ADMIN SCI QUART (36),		-/0/	
Podsakoff PM, 2003, JAPPL PSYCHOL (88), 879         38.89         154.29           Fornell C, 1981, J MARKETING RES (18), 39         34.80         154.29           Vickery SK, 2003, J OPER MANAG (21), 523         33.92         296.39           Podsakoff PM, 1986, J MANAGE (12), 531         31.87         157.13           Anderson JC, 1988, PSYCHOL BULL (103), 411         29.82         157.13           Rosenzweig ED, 2003, J OPER MANAG (21), 437         29.82         280.18           Narasimhan R, 2002, J OPER MANAG (20), 303         28.36         270.63           Armstrong JS, 1977, J MARKETING RES (14), 396         27.49         143.42           Dyer JH, 1998, ACAD MANAG RES (23), 660         25.15         157.87           Das A, 2006, J OPER MANAG (24), 563         25.52         23           Narasimhan R, 1998, DECISION SCI (29), 579         22.81         205.85           Pagell M, 2004, J OPER MANAG (25), 1199         21.35         266.95           Barney J, 1991, J MANAGE (17), 99         20.47         107.73           Swink M, 2007, J OPER MANAG (25), 148         20.47         117.19           Bagozzi RP, 1991, ADMIN SCI QUART (36), 97         20.47         117.19           Bagozzi RP, 1991, ADMIN SCI QUART (36), 97         19.59         220.45           O'leary-kelly SW, 1998, J OPER MANAG (1	Reference	f(%)	
Fornell C, 1981, J MARKETING RES (18), 39       34.80       154.29         Vickery SK, 2003, J OPER MANAG (21), 523       33.92       296.39         Podsakoff PM, 1986, J MANAGE (12), 531       31.87       180.25         Anderson JC, 1988, PSYCHOL BULL (103), 411       29.82       257.13         Rosenzweig ED, 2003, J OPER MANAG (21), 437       29.83       270.63         Narasimhan R, 2002, J OPER MANAG (20), 303       28.36       270.63         Armstrong JS, 1977, J MARKETING RES (14), 396       27.49       143.42         Dyer JH, 1998, ACAD MANAGE REV (23), 660       25.15       157.87         Das A, 2006, J OPER MANAG (24), 563       24.56       258.23         Narasimhan R, 1998, DECISION SCI (29), 579       22.81       205.85         Pagell M, 2004, J OPER MANAG (25), 1199       21.35       266.95         Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Volleary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (22), 557       18.71       242.09         Chen	/ /		
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Dyer JH, 1998, ACAD MANAGE REV (23), 660         25.15         157.87           Das A, 2006, J OPER MANAG (24), 563         24.56         258.23           Narasimhan R, 1998, DECISION SCI (29), 579         22.81         205.85           Pagell M, 2004, J OPER MANAG (22), 459         22.81         280.45           Devaraj S, 2007, J OPER MANAG (25), 1199         21.35         266.95           Barney J, 1991, J MANAGE (17), 99         20.47         107.73           Swink M, 2007, J OPER MANAG (25), 148         20.47         258.48           Miller JG, 1994, MANAGE SCI (40), 285         20.47         171.19           Bagozzi RP, 1991, ADMIN SCI QUART (36), 421         20.47         135.62           Koufteros X, 2005, DECISION SCI (36), 97         19.59         220.45           O'leary-kelly SW, 1998, J OPER MANAG (16), 387         19.30         129.35           Frohlich MT, 2002, J OPER MANAG (20), 729         19.01         191.97           Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0         18.71         242.09           Chen IJ, 2004, J OPER MANAG (22), 557         18.71         242.09           Chen IJ, 2004, J OPER MANAG (23), 371         18.42         154.18           Petersen KJ, 2005, J OPER MANAG (23), 371         18.42         165.72           MANAGE SCI         40.35	Narasimhan R, 2002, J OPER MANAG (20), 303	28.36	270.63
Das A, 2006, J OPER MANAG (24), 563       24.56       258.23         Narasimhan R, 1998, DECISION SCI (29), 579       22.81       205.85         Pagell M, 2004, J OPER MANAG (22), 459       22.81       280.45         Devaraj S, 2007, J OPER MANAG (25), 1199       21.35       266.95         Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       5         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37	Armstrong JS, 1977, J MARKETING RES (14), 396	27.49	143.42
Narasimhan R, 1998, DECISION SCI (29), 579       22.81       205.85         Pagell M, 2004, J OPER MANAG (22), 459       22.81       280.45         Devaraj S, 2007, J OPER MANAG (25), 1199       21.35       266.95         Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (23), 371       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       154.78         MANAGE SCI       40.35       57.37         DECISION SCI       40.35       57.37         HARVARD BUS REV       34.50       70.33         ACAD MANAGE J       34.50       70.33         ACAD MAN	Dyer JH, 1998, ACAD MANAGE REV (23), 660	25.15	157.87
Pagell M, 2004, J OPER MANAG (22), 459       22.81       280.45         Devaraj S, 2007, J OPER MANAG (25), 1199       21.35       266.95         Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE J       33.63       80.72         ACAD MANAGE J       33.63	Das A, 2006, J OPER MANAG (24), 563	24.56	258.23
Devaraj S, 2007, J OPER MANAG (25), 1199       21.35       266.95         Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       \sigma         J OPER MANAG       42.69       84.19         MANAGE SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       30.41       55.47	Narasimhan R, 1998, DECISION SCI (29), 579	22.81	205.85
Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       \sigma         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       70.33         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       30.41       55.47	Pagell M, 2004, J OPER MANAG (22), 459	22.81	280.45
Barney J, 1991, J MANAGE (17), 99       20.47       107.73         Swink M, 2007, J OPER MANAG (25), 148       20.47       258.48         Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       \sigma         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       70.33         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       30.41       55.47	Devaraj S, 2007, J OPER MANAG (25), 1199	21.35	266.95
Miller JG, 1994, MANAGE SCI (40), 285       20.47       117.19         Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         REJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       40.35       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       30.41       55.47         PROD OPER MANAG       28.65       73.81		20.47	107.73
Bagozzi RP, 1991, ADMIN SCI QUART (36), 421       20.47       135.62         Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       40.35       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       73.81	Swink M, 2007, J OPER MANAG (25), 148	20.47	258.48
Koufteros X, 2005, DECISION SCI (36), 97       19.59       220.45         O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.21       80.78         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	Miller JG, 1994, MANAGE SCI (40), 285	20.47	117.19
O'leary-kelly SW, 1998, J OPER MANAG (16), 387       19.30       129.35         Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.21       80.78         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	Bagozzi RP, 1991, ADMIN SCI QUART (36), 421	20.47	135.62
Frohlich MT, 2002, J OPER MANAG (20), 729       19.01       191.97         Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.21       80.78         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	Koufteros X, 2005, DECISION SCI (36), 97	19.59	220.45
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       73.81	O'leary-kelly SW, 1998, J OPER MANAG (16), 387	19.30	129.35
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0       18.71       97.54         Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       73.81	Frohlich MT, 2002, J OPER MANAG (20), 729	19.01	191.97
Droge C, 2004, J OPER MANAG (22), 557       18.71       242.09         Chen IJ, 2004, J OPER MANAG (22), 119       18.42       154.18         Petersen KJ, 2005, J OPER MANAG (23), 371       18.42       165.72         RefJournal       f(%)       σ         J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81		18.71	97.54
RefJournal         f(%)         σ           J OPER MANAG         42.69         84.19           MANAGE SCI         40.35         57.37           DECISION SCI         34.50         77.56           HARVARD BUS REV         34.50         70.33           ACAD MANAGE REV         34.21         80.78           STRATEGIC MANAGE J         33.63         80.72           ACAD MANAGE J         31.58         79.17           PROD OPER MANAG         30.41         55.47           J MARKETING RES         28.65         73.81		18.71	242.09
RefJournal         f(%)         σ           J OPER MANAG         42.69         84.19           MANAGE SCI         40.35         57.37           DECISION SCI         34.50         77.56           HARVARD BUS REV         34.50         70.33           ACAD MANAGE REV         34.21         80.78           STRATEGIC MANAGE J         33.63         80.72           ACAD MANAGE J         31.58         79.17           PROD OPER MANAG         30.41         55.47           J MARKETING RES         28.65         73.81	Chen IJ, 2004, J OPER MANAG (22), 119	18.42	154.18
J OPER MANAG       42.69       84.19         MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	Petersen KJ, 2005, J OPER MANAG (23), 371	18.42	165.72
MANAGE SCI       40.35       57.37         DECISION SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	RefJournal	f(%)	σ
DECISION SCI       34.50       77.56         HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	J OPER MANAG	42.69	84.19
HARVARD BUS REV       34.50       70.33         ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	MANAGE SCI	40.35	57.37
ACAD MANAGE REV       34.21       80.78         STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	DECISION SCI	34.50	77.56
STRATEGIC MANAGE J       33.63       80.72         ACAD MANAGE J       31.58       79.17         PROD OPER MANAG       30.41       55.47         J MARKETING RES       28.65       73.81	HARVARD BUS REV	34.50	70.33
ACAD MANAGE J 31.58 79.17 PROD OPER MANAG 30.41 55.47 J MARKETING RES 28.65 73.81	ACAD MANAGE REV	34.21	80.78
PROD OPER MANAG         30.41         55.47           J MARKETING RES         28.65         73.81	STRATEGIC MANAGE J	33.63	80.72
J MARKETING RES 28.65 73.81	ACAD MANAGE J	31.58	79.17
	PROD OPER MANAG	30.41	55.47
ADMINISTRAÇÃO DIA DE	J MARKETING RES	28.65	73.81
ADMIN SCI QUART 26.02 73.22	ADMIN SCI QUART	26.02	73.22

Table 2: The community 2 - "SUPPLY CHAIN MANAGEMENT" contains N=11 articles. Its average internal link weight is  $<\omega_{in}>\simeq 1/12$ 

Keyword	f(%)	tf-idf
SUPPLY CHAIN MANAGEMENT	29.86	0.65
SUPPLY MANAGEMENT	11.87	0.46
EMPIRICAL RESEARCH	16.91	0.42
PURCHASING	7.91	0.32
STRUCTURAL EQUATION MODELING	7.19	0.26
SUPPLIER DEVELOPMENT	4.68	0.26
SOCIAL EXCHANGE THEORY	4.32	0.26
OUTSOURCING	6.47	0.23
BUYER-SUPPLIER RELATIONSHIPS	4.68	0.19
INSTRUMENT DEVELOPMENT	3.24	0.19
CONSTRUCTS	3.24	0.19
OPERATIONS STRATEGY	6.47	0.18
SUPPLIER INTEGRATION	3.24	0.17
PRODUCT DEVELOPMENT	4.68	0.17
SUPPLY CHAIN INTEGRATION	3.60	0.15
TRUST	3.24	0.15
SUPPLY CHAIN STRATEGY	2.52	0.15
CONTINGENCY THEORY	3.24	0.15
SUPPLY MANAGEMENT PRACTICES	2.16	0.14
SOCIAL NETWORK THEORY	2.16	0.14
Subject	f(%)	$\sigma$
Operations Research & Management Science	100.00	0.00
Management Wanagement Selence	95.68	10.55
Engineering, Manufacturing	4.32	-10.55
Ziigiireeriiig, vitairataevariiig	1.02	10.00
Journal	f(%)	
J OPER MANAG	93.53	$\frac{\sigma}{13.65}$
PROD OPER MANAG		
M&SOM-MANUF SERV OP	4.32 $2.16$	-10.55 -5.37
M&SOM-MANUF SERV OF	2.16	-5.37

Institution	f(%)	$\sigma$
DEPT MANAGEMENT	14.03	55.30
MICHIGAN STATE UNIV	8.27	41.98
COLL BUSINESS ADM	6.47	34.38
DEPT SUPPLY CHAIN MANAGEMENT	5.40	38.83
ELI BROAD GRAD SCH MANAGEMENT	5.04	34.64
SCH MANAGEMENT	4.68	20.13
COLL BUSINESS	4.68	21.74
ARIZONA STATE UNIV	4.32	27.63
OHIO STATE UNIV	4.32	29.63
DEPT MKT & SUPPLY CHAIN		
MANAGEMENT	4.32	30.98
CLEMSON UNIV	3.96	34.50
DEPT MANAGEMENT SCI	3.96	27.73
UNIV WESTERN ONTARIO	3.96	36.40
FISHER COLL BUSINESS	3.96	28.71
LONDON	3.96	36.40
RICHARD IVEY SCH BUSINESS	3.60	34.38
WP CAREY SCH BUSINESS	2.88	22.14
SCH BUSINESS	2.88	13.91
HONG KONG POLYTECH UNIV	2.52	23.51
DEPT MKT	2.52	26.88
Country	f(0Z)	~
Country	f(%)	σ 63.38
Usa	49.64	63.38
Usa Canada	49.64 7.19	63.38 29.19
Usa Canada Peoples r china	49.64 7.19 4.68	63.38 29.19 20.41
Usa Canada Peoples r china England	49.64 7.19 4.68 3.60	63.38 29.19 20.41 20.09
Usa Canada Peoples r china England Spain	49.64 7.19 4.68 3.60 1.44	63.38 29.19 20.41 20.09 11.56
Usa Canada Peoples r china England Spain Netherlands	49.64 7.19 4.68 3.60 1.44 1.08	63.38 29.19 20.41 20.09 11.56 6.73
Usa Canada Peoples r china England Spain Netherlands Italy	49.64 7.19 4.68 3.60 1.44 1.08 0.72	63.38 29.19 20.41 20.09 11.56 6.73 9.41
Usa Canada Peoples r china England Spain Netherlands Italy Germany	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 f(%)	63.38 $29.19$ $20.41$ $20.09$ $11.56$ $6.73$ $9.41$ $6.95$ $17.22$ $9.05$
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 0.72 6.47	$\begin{array}{c} 63.38 \\ 29.19 \\ 20.41 \\ 20.09 \\ 11.56 \\ 6.73 \\ 9.41 \\ 6.95 \\ 17.22 \\ 9.05 \\ \hline \sigma \\ 6.75 \\ \end{array}$
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 0.72 5.76	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05 $\sigma$ 6.75 10.69
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A Chen IJ	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05 6.75 10.69 10.69
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A Chen IJ Benton WC	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76 5.76	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05 6.75 10.69 10.69 8.25
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A Chen IJ Benton WC Handley SM	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76 5.76 4.68	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05  6.75 10.69 10.69 8.25 6.96
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A Chen IJ Benton WC Handley SM Griffith DA	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76 5.76 4.68 4.32	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05 6.75 10.69 10.69 8.25
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A Chen IJ Benton WC Handley SM Griffith DA Roth AV	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76 5.76 4.68	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05  6.75 10.69 10.69 8.25 6.96
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland  Author Narasimhan R Paulraj A Chen IJ Benton WC Handley SM Griffith DA Roth AV Kaynak H	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76 5.76 5.76 4.68 4.32 4.32 3.96	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05 $\sigma$ 6.75 10.69 10.69 8.25 6.96 13.54 1.89 8.35
Usa Canada Peoples r china England Spain Netherlands Italy Germany North ireland Switzerland Author Narasimhan R Paulraj A Chen IJ Benton WC Handley SM Griffith DA Roth AV	49.64 7.19 4.68 3.60 1.44 1.08 0.72 0.72 0.72 0.72 5.76 5.76 4.68 4.32 4.32	63.38 29.19 20.41 20.09 11.56 6.73 9.41 6.95 17.22 9.05 6.75 10.69 8.25 6.96 13.54 1.89

Reference	f(%)	$\sigma$
Carr AS, 1999, J OPER MANAG (17), 497	45.68	291.11
Fornell C, 1981, J MARKETING RES (18), 39	44.24	177.07
Armstrong JS, 1977, J MARKETING RES (14), 396	43.17	203.41
Anderson JC, 1988, PSYCHOL BULL (103), 411	38.49	182.99
O'leary-kelly SW, 1998, J OPER MANAG (16), 387	36.69	222.13
Krause DR, 1999, J OPER MANAG (17), 205	30.22	255.47
Bagozzi RP, 1991, ADMIN SCI QUART (36), 421	29.50	176.42
Bollen kenneth A, 1989, STRUCTURAL EQUATIONS (0),		
0	29.50	159.38
Shin H, 2000, J OPER MANAG (18), 317	26.98	230.13
Choi t Y, 1996, J OPERATIONS MANAGEM (14), 333	26.62	220.23
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	26.26	123.64
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	24.46	114.74
Krause DR, 1998, J OPER MANAG (17), 39	23.38	226.54
Barney J, 1991, J MANAGE (17), 99	23.02	109.32
Dillman d A, 1978, MAIL TELEPHONE SURVE (0), 0	22.66	157.95
Dyer JH, 1998, ACAD MANAGE REV (23), 660	21.22	120.05
Frohlich MT, 2001, J OPER MANAG (19), 185	20.14	117.23
Podsakoff PM, 1986, J MANAGE (12), 531	20.14	102.51
Heide JB, 1990, J MARKETING RES (27), 24	19.78	170.86
Miller JG, 1994, MANAGE SCI (40), 285	19.42	100.25
Gerbing DW, 1988, J MARKETING RES (25), 186	17.99	129.67
Churchill GA, 1979, J MARKETING RES (16), 64	17.99	110.67
Bagozzi r P, 1988, J ACADEMY MARKETING (16), 74	17.27	121.24
Flynn B B, 1994, Journal of Operations Management		
(11), 0	16.55	91.93
Hair J, 1998, MULTIVARIATE DATA AN (0), 0	16.19	112.26
RefJournal	f(%)	σ
J OPER MANAG	56.12	100.26
MANAGE SCI	48.92	63.16
ACAD MANAGE REV	46.04	98.46
J MARKETING RES	46.04	107.65
STRATEGIC MANAGE J	46.04	100.12
ACAD MANAGE J	43.17	98.02
DECISION SCI	42.09	85.59
HARVARD BUS REV	41.73	77.00
J OPERATIONS MANAGEM	35.97	83.33
ADMIN SCI QUART	35.97	91.66

Table 3: The community 3 - "BUYER-SUPPLIER RELATIONSHIPS" contains N=10 articles. Its average internal link weight is  $<\omega_{in}>\simeq 1/6$ 

Keyword	f(%)	tf-idf			
BUYER-SUPPLIER RELATIONSHIPS	34.59	1.43	Institution	f(%)	$\sigma$
TRUST	19.50	0.91	MICHIGAN STATE UNIV	8.12	31.27
SUPPLY CHAIN MANAGEMENT	21.38	0.46	DEPT MANAGEMENT	7.50	22.18
RELATIONSHIP PERFORMANCE	6.92	0.44	DEPT SUPPLY CHAIN MANAGEMENT	6.25	34.16
SOCIAL CAPITAL	7.55	0.41	COLL BUSINESS	5.00	17.67
SUPPLY MANAGEMENT	9.43	0.37	SCH MANAGEMENT	5.00	16.36
PSYCHOLOGICAL CONTRACTS	5.66	0.35	SCH BUSINESS	5.00	18.65
AUTOMOTIVE	5.66	0.33	ELI BROAD GRAD SCH MANAGEMENT	4.38	22.79
CROSS-CULTURAL RESEARCH			SCH BUSINESS ADM	4.38	30.00
METHODS	5.03	0.33	FISHER COLL BUSINESS	3.75	20.62
INTERNATIONAL	5.03	0.32	OHIO STATE UNIV	3.75	19.49
PERFORMANCE	8.18	0.31	COLL BUSINESS ADM	3.75	14.94
LONG-TERM ORIENTATION	5.03	0.31	XI AN JIAO TONG UNIV	3.12	37.95
SOCIAL EXCHANGE THEORY	5.03	0.30	TEXAS CHRISTIAN UNIV	3.12	29.33
INFORMATION EXCHANGE	5.03	0.30	ARIZONA STATE UNIV	3.12	15.08
JUSTICE	4.40	0.28	CLARKSON UNIV	3.12	40.27
VALUE CREATION	5.03	0.27	DEPT MANAGEMENT SCI	3.12	16.55
LONGITUDINAL STUDY	3.77	0.26	UNIV MIAMI	2.50	24.26
RELATIONSHIP SPIRALS	3.77	0.26	INDIANA UNIV	2.50	12.49
SEEMINGLY UNRELATED			COLORADO STATE UNIV	2.50	30.34
REGRESSION	3.77	0.26	KELLEY SCH BUSINESS	2.50	13.33
RELATION-SPECIFIC INVESTMENTS	3.77	0.26	Country	f(%)	$\sigma$
Subject	f(%)	$\sigma$	Usa	38.75	37.18
Operations Research & Management Science	100.00	0.00	Peoples r china	6.88	22.98
Management	95.65	8.02	Canada	4.38	13.27
Engineering, Manufacturing	4.35	-8.02	England	1.88	7.77
			Netherlands	1.25	5.96
			India	1.25	10.29
			North ireland	1.25	22.76
			Switzerland	1.25	12.05
			Spain	1.25	7.58
			U arab emirates	0.62	16.09
			Author	f(%)	$\sigma$
Journal	f(%)	σ	Henke JW	6.21	18.61
J OPER MANAG	95.03	10.77	Lawson B	6.21	13.83
PROD OPER MANAG	4.35	-8.02	Zhang C	6.21	18.61
M&SOM-MANUF SERV OP	0.62	-4.67	Petersen KJ	5.59	12.11
			Eckerd S	5.59	15.72
			Mullen MR	4.97	16.24
			C   TD	4 0 -	
			Cannon JP	4.97	16.24
			Whipple JM	4.97	11.42

Reference	f(%)	σ
Fornell C, 1981, J MARKETING RES (18), 39	45.34	138.11
Paulraj A, 2008, J OPER MANAG (26), 45	40.99	297.98
Krause DR, 2007, J OPER MANAG (25), 528	40.99	346.02
Johnston DA, 2004, J OPER MANAG (22), 23	40.99	319.05
Dyer JH, 1998, ACAD MANAGE REV (23), 660	40.99	176.82
Prahinski C, 2004, J OPER MANAG (22), 39	40.37	285.78
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	40.37	144.42
Armstrong JS, 1977, J MARKETING RES (14), 396	39.13	140.28
Cousins PD, 2006, J OPER MANAG (24), 604	36.02	264.33
Morgan RM, 1994, J MARKETING (58), 20	32.30	190.88
Cousins PD, 2006, J OPER MANAG (24), 851	32.30	313.40
Anderson E, 1992, J MARKETING RES (29), 18	29.81	195.04
Zhao XD, 2008, J OPER MANAG (26), 368	29.19	236.24
Mohr J, 1994, STRATEGIC MANAGE J (15), 135	28.57	193.67
Carr AS, 1999, J OPER MANAG (17), 497	27.95	135.41
Uzzi B, 1997, ADMIN SCI QUART (42), 35	27.33	173.48
Doney PM, 1997, J MARKETING (61), 35	26.71	212.30
Dwyer FR, 1987, J MARKETING (51), 11	26.71	200.47
Heide JB, 1990, J MARKETING RES (27), 24	26.71	175.62
Griffith DA, 2006, J OPER MANAG (24), 85	26.09	261.54
Ireland RD, 2007, J OPER MANAG (25), 482	26.09	266.35
Benton WC, 2005, J OPER MANAG (23), 1	25.47	176.68
Bagozzi r P, 1988, J ACADEMY MARKETING (16), 74	23.60	126.23
Liu Y, 2009, J OPER MANAG (27), 294	23.60	179.92
Podsakoff PM, 1986, J MANAGE (12), 531	22.98	89.06
RefJournal	f(%)	$\sigma$
J OPER MANAG	43.48	58.85
ACAD MANAGE REV	37.89	61.49
STRATEGIC MANAGE J	36.65	60.44
ADMIN SCI QUART	35.40	68.64
MANAGE SCI	34.78	33.71
J MARKETING RES	34.78	61.67
ACAD MANAGE J	34.78	59.93
ORGAN SCI	32.92	68.17
DECISION SCI	32.30	49.75
J MARKETING	31.68	58.57

Table 4: The community 0 - "PRODUCT DEVELOPMENT" contains N=7 articles. Its average internal link weight is  $<\omega_{in}>\simeq 1/17$ 

Keyword	f(%)	tf-idf	Institution	f(%)	$\sigma$			
PRODUCT DEVELOPMENT	14.49	0.51	DEPT MANAGEMENT	12.95	36.06			
SUPPLY CHAIN INTEGRATION	8.70	0.31	COLL BUSINESS ADM	8.63	32.54			
SUPPLY CHAIN MANAGEMENT	15.94	0.35	ARIZONA STATE UNIV	6.47	29.46	Reference	f(%)	$\sigma$
SUPPLY MANAGEMENT	7.97	0.33	UNIV MINNESOTA	5.04	18.95	Petersen KJ, 2005, J OPER MANAG (23), 371	40.29	231.34
SUPPLIER INVOLVEMENT	5.07	0.31	COLL BUSINESS	5.04	16.59	Chen IJ, 2004, J OPER MANAG (22), 119	39.57	211.43
INNOVATION	6.52	0.29	DEPT MANAGEMENT SCI	5.04	25.03	Armstrong JS, 1977, J MARKETING RES (14), 396	34.53	114.98
NEW PRODUCT DEVELOPMENT	$\frac{6.32}{5.80}$	0.27	MICHIGAN STATE UNIV	5.04	17.92	Dyer JH, 1998, ACAD MANAGE REV (23), 660	34.53	138.34
			DEPT SUPPLY CHAIN MANAGEMENT	4.32	21.91	Fornell C, 1981, J MARKETING RES (18), 39	33.09	93.53
RESOURCE-BASED VIEW FIRST PRODUCT	$5.07 \\ 3.62$	0.25	OHIO STATE UNIV	4.32	20.95	Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	31.65	105.12
SUPPLIER		0.25	FISHER COLL BUSINESS	3.60	18.43	Anderson JC, 1988, PSYCHOL BULL (103), 411	30.22	101.49
	3.62	0.25	DEPT MKT & SUPPLY CHAIN			Frohlich MT, 2001, J OPER MANAG (19), 185	28.78	118.56
PURCHASING	5.80	0.23	MANAGEMENT	3.60	18.21	Swink M, 1999, J OPER MANAG (17), 691	28.78	187.81
PERFORMANCE	5.80	0.22	INDIANA UNIV	3.60	16.88	Barney J, 1991, J MANAGE (17), 99	27.34	91.87
STRUCTURAL EQUATION MODELING	5.80	0.21	SCH MANAGEMENT	3.60	10.85	Chen IJ, 2004, J OPER MANAG (22), 505	25.18	186.63
OUTSOURCING	5.80	0.21	RUTGERS STATE UNIV	3.60	35.24	Carr AS, 1999, J OPER MANAG (17), 497	25.18	113.32
CAPABILITIES	3.62	0.20	COLL MANAGEMENT	2.88	12.68	Teece DJ, 1997, STRATEGIC MANAGE J (18), 509	25.18	103.43
EMPIRICAL RESEARCH	7.97	0.20	UNIV TOLEDO	2.88	27.05	Podsakoff PM, 1986, J MANAGE (12), 531	25.18	90.71
ENTREPRENEURSHIP	3.62	0.19	MOORE SCH BUSINESS	2.88	21.21	Bagozzi RP, 1991, ADMIN SCI QUART (36), 421	22.30	94.24
VALUE CREATION	3.62	0.19	CLEMSON UNIV	2.88	17.68	Vickery SK, 2003, J OPER MANAG (21), 523	21.58	120.15
CHINA	3.62	0.18	UNIV MISSOURI	2.88	36.96	Hartley j L, 1997, Journal of Operations	21.56	120.10
BUYER-SUPPLIER RELATIONSHIPS	4.35	0.18	UNIV S CAROLINA	2.88	18.66	Management (15), 0	19.42	156.55
Subject	f(%)	$\sigma$				Clark k B, 1991, PRODUCT DEV PERFORMA (0), 0	19.42 $19.42$	91.44
Operations Research & Management Science	100.00	0.00	Country	f(%)	σ	Ragatz GL, 1997, J PROD INNOVAT MANAG (14), 190	19.42 $18.71$	128.64
Management	95.68	7.46	Usa	57.55	52.20	Das A, 2006, J OPER MANAG (24), 563	18.71	125.33
Engineering, Manufacturing	4.32	-7.46	Canada	5.04	14.31	, , ,	18.71	82.36
3 4 3) 4 4 4 4 4			Peoples r china	4.32	13.29	Kogut B, 1992, ORGAN SCI (3), 383		
			Netherlands	3.60	16.54	Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	17.99	59.75
			England	3.60	14.21	Stock GN, 2000, J OPER MANAG (18), 531	17.99	131.16
			Spain	2.88	16.58	Primo MAM, 2002, J OPER MANAG (20), 33	16.55	115.21
			Switzerland	2.16	19.50	Wernerfelt B, 1984, STRATEGIC MANAGE J (5), 171	16.55	78.63
			Italy	1.44	13.45	RefJournal	f(%)	$\sigma$
			India	1.44	11.07	J OPER MANAG	64.75	81.97
T 1	C(07)		U arab emirates	0.72	17.28	MANAGE SCI	57.55	52.81
Journal	f(%)	σ	Author	f(%)	$\sigma$	STRATEGIC MANAGE J	53.96	83.12
J OPER MANAG	95.68	10.16	Paulraj A	6.47	8.63	ACAD MANAGE REV	51.08	77.34
PROD OPER MANAG	4.32	-7.46	Chen IJ	6.47	8.63	J MARKETING RES	50.36	83.33
			Song M	5.76	10.72	HARVARD BUS REV	48.92	64.01
			Di Benedetto CA	5.04	12.61	ACAD MANAGE J	47.48	76.33
			Lado AA	4.32	8.26	DECISION SCI	46.76	67.36
			Shah R	4.32	5.60	ADMIN SCI QUART	43.17	77.93
			Song LZ	3.60	12.40	J MARKETING	41.73	71.95
			Schroeder RG	3.60	1.39			
			Swink M	3.60	2.09			
			Koufteros XA	$\frac{3.00}{2.88}$	4.82			
			Montecros AA	4.00	4.04			

Table 5: The community 4 - "BUYER-SUPPLIER RELATIONSHIPS" contains N=3 articles. Its average internal link weight is  $<\omega_{in}>\simeq 1/4$ 

Keyword	f(%)	tf-idf
BUYER-SUPPLIER RELATIONSHIPS	19.05	0.79
TRUST	15.87	0.74
SUPPLY MANAGEMENT	19.05	0.74
OPPORTUNISM	12.70	0.71
SUPPLY CHAIN MANAGEMENT	31.75	0.69
TRANSACTION COST ANALYSIS	9.52	0.56
PURCHASING	9.52	0.38
INTER-ORGANIZATIONAL POWER	6.35	0.37
RETAILER-SUPPLIER		
RELATIONSHIPS	4.76	0.35
NETWORK THEORY	4.76	0.35
UNETHICAL BEHAVIOR	4.76	0.33
CATEGORY MANAGEMENT	4.76	0.32
GROCERY RETAILING	4.76	0.32
GLOBAL OPERATIONS	6.35	0.32
SUPPLY CHAIN KNOWLEDGE		
MANAGEMENT	4.76	0.30
CO-OPETITION RELATIONS	4.76	0.30
PSYCHOLOGICAL CONTRACTS	4.76	0.30
STRUCTURAL EQUATION MODELING	7.94	0.29
ENTREPRENEURIAL ORIENTATION	4.76	0.29
KNOWLEDGE ACQUISITION	4.76	0.29
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	93.65	4.68
Engineering, Manufacturing	6.35	-4.68
0 0,		
Journal	f(%)	σ
J OPER MANAG	93.65	6.52
PROD OPER MANAG	95.05 6.35	-4.68
TROD OFER WANAG	0.55	-4.08

T.,	C(07)	
Institution	f(%)	σ
COLL BUSINESS	12.70	28.58
DEPT MANAGEMENT	12.70	23.80
MICHIGAN STATE UNIV	11.11	26.93
SCH MANAGEMENT	9.52	19.83
FISHER COLL BUSINESS	7.94	27.59
DEPT SUPPLY CHAIN MANAGEMENT	7.94	27.27
OHIO STATE UNIV	7.94	26.10
COLL BUSINESS ADM	7.94	20.12
SCH BUSINESS ADM	7.94	34.27
UNIV MIAMI	6.35	38.83
XI AN JIAO TONG UNIV	6.35	48.47
ELI BROAD SCH BUSINESS	4.76	38.55
DEPT SUPPLY CHAIN MANAGEMENT		
& MKT SCI	4.76	38.55
DEPT MANAGEMENT SCI	4.76	15.92
RUTGERS BUSINESS SCH	4.76	36.33
SCH BUSINESS	4.76	11.13
RUTGERS STATE UNIV	4.76	31.44
GUANGZHOU 510275	3.17	32.51
UNIV N CAROLINA	3.17	8.81
ROBERT H SMITH SCH BUSINESS	3.17	13.87
Country	f(%)	σ
Country Usa	f(%) 60.32	$\sigma$ 36.88
Usa	. ,	
v	60.32	36.88
Usa Peoples r china	60.32 11.11	36.88 23.49
Usa Peoples r china Canada	60.32 11.11 9.52	36.88 23.49 18.50
Usa Peoples r china Canada England	60.32 11.11 9.52 3.17	36.88 23.49 18.50 8.41
Usa Peoples r china Canada England Brazil	60.32 11.11 9.52 3.17 1.59	36.88 23.49 18.50 8.41 18.15
Usa Peoples r china Canada England Brazil Portugal	60.32 11.11 9.52 3.17 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89
Usa Peoples r china Canada England Brazil Portugal Belgium	60.32 11.11 9.52 3.17 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland	60.32 11.11 9.52 3.17 1.59 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63 18.15 6.09
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63 18.15 6.09
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 1.79 1.59 1.79 1.79 1.79	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC Luo YD	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 1.79 1.59	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71 8.75
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 1.79 1.59 1.59 1.79 1.79 1.79 1.79	36.88 23.49 18.50 8.41 18.15 10.89 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC Luo YD Jiang B	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 4.7.94 7.94 7.94 6.35	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71 8.75 7.27
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC Luo YD Jiang B Greer B	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 1.79 4.794 6.35 4.76	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71 8.75 7.27 12.47
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC Luo YD Jiang B Greer B Kaleka A	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 4.76 4.76	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71 8.75 7.27 12.47 14.27
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC Luo YD Jiang B Greer B Kaleka A Swaminathan JM	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 4.76 4.76 4.76 4.76	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71 8.75 7.27 12.47 14.27 4.31
Usa Peoples r china Canada England Brazil Portugal Belgium Switzerland Wales Spain  Author Liu Y Handley SM Benton WC Luo YD Jiang B Greer B Kaleka A Swaminathan JM	60.32 11.11 9.52 3.17 1.59 1.59 1.59 1.59 1.59 1.59 4.76 4.76 4.76 4.76	36.88 23.49 18.50 8.41 18.15 10.89 9.63 18.15 6.09 $\sigma$ 8.69 6.13 5.71 8.75 7.27 12.47 14.27 4.31

Reference	f(%)	$\sigma$
Benton WC, 2005, J OPER MANAG (23), 1	61.90	268.88
Fornell C, 1981, J MARKETING RES (18), 39	47.62	90.75
Liu Y, 2009, J OPER MANAG (27), 294	39.68	189.31
Carter CR, 2000, J OPER MANAG (18), 191	38.10	256.46
Armstrong JS, 1977, J MARKETING RES (14), 396	34.92	78.28
Carr AS, 1999, J OPER MANAG (17), 497	34.92	105.88
Mccutcheon D, 2000, J OPER MANAG (18), 279	33.33	237.35
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	33.33	74.54
Anderson E, 1992, J MARKETING RES (29), 18	31.75	129.92
Mohr J, 1994, STRATEGIC MANAGE J (15), 135	26.98	114.41
Dyer JH, 1998, ACAD MANAGE REV (23), 660	26.98	72.73
Poppo L, 2002, STRATEGIC MANAGE J (23), 707	25.40	116.03
Podsakoff PM, 1986, J MANAGE (12), 531	23.81	57.73
Doney PM, 1997, J MARKETING (61), 35	23.81	118.38
Paulraj A, 2008, J OPER MANAG (26), 45	23.81	108.20
Heide JB, 1992, J MARKETING (56), 32	23.81	119.12
Wathne KH, 2000, J MARKETING (64), 36	23.81	143.18
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	23.81	53.34
Jap SD, 2003, MANAGE SCI (49), 1684	22.22	128.34
Cannon JP, 1999, J MARKETING RES (36), 439	22.22	109.89
Anderson JC, 1988, PSYCHOL BULL (103), 411	22.22	50.18
Prahinski C, 2004, J OPER MANAG (22), 39	22.22	98.34
Johnston DA, 2004, J OPER MANAG (22), 23	22.22	108.13
Anderson JC, 1990, J MARKETING (54), 42	20.63	89.51
Bagozzi RP, 1991, ADMIN SCI QUART (36), 421	20.63	58.69
RefJournal	f(%)	$\sigma$
J OPER MANAG	68.25	58.21
J MARKETING RES	58.73	65.52
ACAD MANAGE J	58.73	63.69
J MARKETING	57.14	66.53
ACAD MANAGE REV	57.14	58.32
STRATEGIC MANAGE J	55.56	57.63
MANAGE SCI	52.38	32.27
ADMIN SCI QUART	50.79	61.83
ORGAN SCI	47.62	61.90
DECISION SCI	46.03	44.63