

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 10 references. The communities characterized here correspond to the ones found in the level 0 (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).

Table 1: The community 0 - “EMPIRICAL RESEARCH” contains $N = 6$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/9$

Keyword	f(%)	σ
EMPIRICAL RESEARCH	28.18	9.59
OPERATIONS STRATEGY	19.89	7.74
MANUFACTURING STRATEGY	17.68	15.82
SUPPLY CHAIN MANAGEMENT	8.29	-1.31
COMPETITIVE CAPABILITIES	6.08	11.26
RESOURCE-BASED VIEW	6.08	8.19
CUMULATIVE CAPABILITIES	4.97	12.74
FLEXIBILITY	4.97	3.87
QUALITY MANAGEMENT	4.42	-0.02
META-ANALYSIS	4.42	7.36
TAXONOMY	3.87	7.33
MANUFACTURING PERFORMANCE	3.87	5.71
PRODUCT DEVELOPMENT	3.31	0.30
EXPLOITATION	3.31	3.62
TRADEOFFS	3.31	11.10
MANUFACTURING CAPABILITIES	3.31	10.95
QUALITY	3.31	1.13
STRUCTURAL EQUATION MODELING	3.31	0.68
EXPLORATION	3.31	3.62
EMPIRICAL RESEARCH METHODS	3.31	1.43
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	72.43	1.94
Engineering, Manufacturing	27.57	-1.95
Journal	f(%)	σ
J OPER MANAG	68.65	4.36
PROD OPER MANAG	27.57	-1.95
M&SOM-MANUF SERV OP	3.78	-3.72

Institution	f(%)	σ
DEPT MANAGEMENT	11.89	38.15
COLL BUSINESS ADM	9.73	42.36
MICHIGAN STATE UNIV	8.65	35.82
UNIV MINNESOTA	7.03	30.68
CARLSON SCH MANAGEMENT	5.95	33.07
COLL BUSINESS	4.86	18.47
ELI BROAD GRAD SCH MANAGEMENT	4.86	27.28
DEPT MKT & SUPPLY CHAIN MANAGEMENT	4.32	25.32
DEPT MANAGEMENT SCI	4.32	24.75
EMORY UNIV	4.32	28.88
UNIV S CAROLINA	4.32	32.48
UNIV TOLEDO	3.78	41.09
CLEMSON UNIV	3.78	26.90
GOIZUETA BUSINESS SCH	3.78	27.37
OHIO STATE UNIV	3.24	18.08
SCH MANAGEMENT	3.24	11.23
LONDON BUSINESS SCH	2.70	22.97
UNIV N CAROLINA	2.70	12.80
TEXAS A&M UNIV	2.70	19.83
UNIV UTAH	2.70	23.55
Country	f(%)	σ
Usa	51.89	54.12
England	4.32	19.79
Canada	3.24	10.43
Portugal	2.16	25.47
Italy	1.62	17.51
Peoples r china	1.62	5.44
Finland	1.08	15.94
Netherlands	1.08	5.50
South korea	1.08	8.84
Brazil	0.54	10.53
Author	f(%)	σ
Roth AV	12.43	8.57
Rosenzweig ED	11.89	13.07
Schroeder RG	9.19	7.09
Swink M	8.65	8.13
Kristal MM	4.32	7.00
Narasimhan R	4.32	3.12
Verma R	3.78	4.46
Devaraj S	3.78	4.06
Boyer KK	3.78	3.65
Peng DX	3.78	7.92

Reference	f(%)	σ
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	70.81	353.00
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	47.03	211.32
Miller JG, 1994, MANAGE SCI (40), 285	44.32	187.17
Rosenzweig ED, 2004, PROD OPER MANAG (13), 354	35.14	232.80
Swamidass PM, 1987, MANAGE SCI (33), 509	29.73	145.81
Vickery SK, 1993, DECISION SCI (24), 435	29.73	171.42
Flynn BB, 1999, J OPER MANAG (17), 249	29.19	238.44
Boyer KK, 2002, PROD OPER MANAG (11), 9	28.65	183.93
Vickery s K, 1997, Journal of Operations Management (15), 0	28.11	229.72
Safizadeh MH, 1996, MANAGE SCI (42), 1576	28.11	164.98
Noble MA, 1995, DECISION SCI (26), 693	27.57	215.74
White g P, 1996, J OPERATIONS MANAGEM (14), 315	25.95	212.32
Hayes r H, 1996, PRODUCTION OPERATION (5), 25	25.41	173.97
Skinner W, 1969, HARVARD BUS REV (47), 136	24.86	152.46
Giffi C, 1990, COMPETING WORLD CLAS (0), 0	24.32	175.43
Flynn BB, 2004, J OPER MANAG (22), 439	24.32	212.61
Gerwin D, 1993, MANAGE SCI (39), 395	23.24	128.10
Barney J, 1991, J MANAGE (17), 99	22.16	85.83
Roth a V, 1992, BUS HORIZONS (35), 73	22.16	206.96
Schmenner RW, 1998, J OPER MANAG (17), 97	22.16	119.48
Ward PT, 1998, DECISION SCI (29), 1035	21.08	168.90
Flynn B B, 1994, Journal of Operations Management (11), 0	20.54	93.19
Corbett C, 1993, CALIF MANAGE REV (35), 107	20.00	223.03
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	19.46	74.62
Fornell C, 1981, J MARKETING RES (18), 39	19.46	63.21
RefJournal	f(%)	σ
MANAGE SCI	56.76	60.06
J OPER MANAG	55.68	81.14
HARVARD BUS REV	51.35	77.58
J OPERATIONS MANAGEM	50.27	95.39
STRATEGIC MANAGE J	50.27	89.26
DECISION SCI	49.19	81.80
ACAD MANAGE REV	45.95	80.15
Journal of Operations Management	44.32	96.93
INT J OPER PROD MAN	40.54	81.93
ACAD MANAGE J	39.46	73.01

Table 2: The community 2 - “OPERATIONS STRATEGY” contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/ - 9999$

Keyword	f(%)	σ
OPERATIONS STRATEGY	33.80	9.75
MANUFACTURING STRATEGY	30.99	18.24
EMPIRICAL RESEARCH	23.94	4.72
TRADE-OFFS	7.04	17.13
CONTINGENCY THEORY	7.04	4.82
OPERATIONS MANAGEMENT	7.04	2.49
SECONDARY DATA	5.63	8.67
THEORY DEVELOPMENT	5.63	5.16
MANUFACTURING FLEXIBILITY	5.63	5.63
COMPETITIVE CAPABILITIES	5.63	6.50
MANUFACTURING CAPABILITIES	5.63	11.89
FLEXIBILITY	5.63	2.88
PRODUCT DEVELOPMENT	4.23	0.65
SUPPLY CHAIN MANAGEMENT	4.23	-1.90
PATH DEPENDENCIES	4.23	12.77
UNIFORM LEAD TIME	4.23	16.43
AREAS FOR FUTURE RESEARCH	4.23	13.85
SMALL VERSUS LARGE FIRMS	4.23	16.21
INTERDISCIPLINARY	4.23	2.29
COMPETITIVE PROGRESSION		
THEORY	4.23	11.12
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	56.16	3.92
Management	43.84	-3.92
Journal	f(%)	σ
PROD OPER MANAG	56.16	3.92
J OPER MANAG	42.47	-1.74
M&SOM-MANUF SERV OP	1.37	-2.95

Institution	f(%)	σ
DEPT MANAGEMENT	10.96	22.06
COLL BUSINESS ADM	8.22	22.44
UNIV N CAROLINA	6.85	20.75
GOIZUETA BUSINESS SCH	6.85	31.25
COLL BUSINESS	6.85	16.46
MICHIGAN STATE UNIV	6.85	17.76
ELI BROAD GRAD SCH MANAGEMENT	5.48	19.33
EMORY UNIV	5.48	23.04
UNIV CINCINNATI	5.48	33.71
UNIV MINNESOTA	4.11	11.16
HELSINKI UNIV TECHNOL	4.11	38.28
SCH BUSINESS	4.11	10.30
UNIV UTAH	2.74	15.00
MONTREAL	2.74	13.38
MERRICK SCH BUSINESS	2.74	27.55
COLL BUSINESS & ECON	2.74	17.36
UNIV TOLEDO	2.74	18.66
WHARTON SCH	2.74	11.26
DAVID ECCLES SCH BUSINESS	2.74	15.00
DEPT MANAGEMENT SCI	2.74	9.78
Country	f(%)	σ
Usa	54.79	35.96
England	6.85	19.83
Canada	4.11	8.40
Finland	4.11	38.28
France	4.11	14.29
Singapore	1.37	5.16
Switzerland	1.37	8.93
Italy	1.37	9.28
New zealand	1.37	16.85
South korea	1.37	7.07
Author	f(%)	σ
Rosenzweig ED	13.70	9.60
Boyer KK	9.59	7.16
Swink M	8.22	4.80
Raturi AS	6.85	21.09
Roth AV	5.48	1.60
Swaminathan JM	4.11	3.92
Scudder GD	4.11	12.88
Zhang J	4.11	7.90
Lapre MA	4.11	11.98
Safizadeh MH	4.11	7.93

Reference	f(%)	σ
Hayes r H, 1996, PRODUCTION OPERATION (5), 25	76.71	330.33
Skinner W, 1996, PRODUCTION OPERATION (5), 3	64.38	301.37
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	46.58	145.77
Skinner W, 1996, PRODUCTION OPERATION (5), 15	41.10	269.02
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	38.36	108.22
Miller JG, 1994, MANAGE SCI (40), 285	35.62	94.42
Gerwin D, 1993, MANAGE SCI (39), 395	34.25	118.66
Noble MA, 1995, DECISION SCI (26), 693	31.51	154.91
Schmenner RW, 1998, J OPER MANAG (17), 97	30.14	102.14
Skinner W, 1969, HARVARD BUS REV (47), 136	28.77	110.83
Wheelwright SC, 1996, PRODUCTION OPERATION (5), 59	26.03	150.52
Swamidass PM, 1987, MANAGE SCI (33), 509	26.03	80.16
Safizadeh MH, 2000, PROD OPER MANAG (9), 111	23.29	123.25
Clark h B, 1996, J CHILD FAM STUD (5), 1	23.29	153.84
Boyer KK, 2002, PROD OPER MANAG (11), 9	23.29	93.88
Clark k B, 1996, PRODUCTION OPERATION (5), 42	23.29	155.53
Demeyer A, 1989, STRATEGIC MANAGE J (10), 135	20.55	94.11
Roth a V, 1992, BUS HORIZONS (35), 73	20.55	120.53
Gupta y P, 1996, Production and Operations Management (5), 0	17.81	77.94
Corbett C, 1993, CALIF MANAGE REV (35), 107	17.81	124.74
Porter M, 1980, COMPETITIVE STRATEGY (0), 0	17.81	60.27
Garvin DA, 1987, HARVARD BUS REV (65), 101	17.81	79.74
Vickery s K, 1994, Production and Operations Management (3), 0	16.44	100.80
Womack j P, 1990, MACHINE CHANGED WORL (0), 0	16.44	61.22
Gupta YP, 1998, PRODUCTION OPERATION (7), 243	16.44	139.26
RefJournal	f(%)	σ
PRODUCTION OPERATION	67.12	104.76
MANAGE SCI	60.27	40.13
HARVARD BUS REV	56.16	53.37
J OPER MANAG	54.79	50.15
STRATEGIC MANAGE J	47.95	53.45
J OPERATIONS MANAGEM	45.21	53.82
PROD OPER MANAG	42.47	36.12
DECISION SCI	39.73	41.36
INT J OPER PROD MAN	38.36	48.66
Journal of Operations Management	36.99	50.72

Table 3: The community 1 - “OPERATIONS STRATEGY” contains $N = 1$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/ - 9999$

Keyword	f(%)	σ
OPERATIONS STRATEGY	14.81	3.27
EMPIRICAL RESEARCH	12.35	1.28
MANUFACTURING STRATEGY	7.41	3.72
SUPPLY CHAIN MANAGEMENT	6.17	-1.47
QUALITY MANAGEMENT	6.17	0.75
CONTINGENCY THEORY	6.17	4.40
OPERATIONS MANAGEMENT	4.94	1.44
THEORY	4.94	5.44
PERFORMANCE	4.94	1.68
QUALITY	4.94	1.77
OPERATIONS	4.94	4.29
THEORY DEVELOPMENT	3.70	3.37
INFORMATION TECHNOLOGY	3.70	1.39
SUPPLY CHAIN INTEGRATION	3.70	1.79
TECHNOLOGY MANAGEMENT	3.70	1.69
E-COMMERCE	3.70	2.63
RESOURCE-BASED VIEW	3.70	3.03
EVENT STUDY	3.70	4.45
BEST PRACTICE	3.70	7.24
BEHAVIORAL THEORY	2.47	7.11
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	77.11	2.20
Engineering, Manufacturing	22.89	-2.20
Journal	f(%)	σ
J OPER MANAG	77.11	4.46
PROD OPER MANAG	22.89	-2.20

Institution	f(%)	σ
MICHIGAN STATE UNIV	15.66	43.69
DEPT MANAGEMENT	15.66	33.78
UNIV MINNESOTA	10.84	31.86
ELI BROAD GRAD SCH MANAGEMENT	10.84	41.00
CARLSON SCH MANAGEMENT	8.43	31.51
LONDON BUSINESS SCH	7.23	41.40
INDIANA UNIV	7.23	26.44
COLL BUSINESS	7.23	18.54
COLL BUSINESS ADM	7.23	21.01
KELLEY SCH BUSINESS	6.02	23.44
GOIZUETA BUSINESS SCH	4.82	23.40
DEPT MKT & SUPPLY CHAIN		
MANAGEMENT	4.82	18.93
OPERAT & MANAGEMENT SCI DEPT	4.82	27.55
EMORY UNIV	4.82	21.58
UNIV NOTRE DAME	3.61	18.51
DEPT SUPPLY CHAIN MANAGEMENT	3.61	14.14
TEXAS CHRISTIAN UNIV	3.61	24.45
CLEMSON UNIV	3.61	17.21
DEPT MANAGEMENT SCI	3.61	13.82
SCH MANAGEMENT	3.61	8.42
Country	f(%)	σ
Usa	73.49	51.83
England	12.05	37.40
Canada	7.23	16.03
Netherlands	3.61	12.85
Peoples r china	3.61	8.54
Finland	2.41	23.90
India	2.41	14.42
Australia	2.41	14.42
South korea	2.41	13.38
Spain	2.41	10.70
Author	f(%)	σ
Schroeder RG	13.25	7.42
Boyer KK	6.02	4.45
Swink M	6.02	3.46
Rosenzweig ED	4.82	2.94
Roth AV	4.82	1.32
Schoenherr T	3.61	4.36
Frohlich MT	3.61	4.89
Samson D	3.61	4.96
Devaraj S	3.61	2.56
Bendoly E	3.61	1.71

Reference	f(%)	σ
Schmenner RW, 1998, J OPER MANAG (17), 97	77.11	279.02
Amundson SD, 1998, J OPER MANAG (16), 341	46.99	223.20
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	26.51	88.35
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	26.51	79.66
Barney J, 1991, J MANAGE (17), 99	22.89	59.39
Miller JG, 1994, MANAGE SCI (40), 285	21.69	61.19
Fornell C, 1981, J MARKETING RES (18), 39	20.48	44.59
Teece DJ, 1997, STRATEGIC MANAGE J (18), 509	20.48	64.96
Skinner W, 1969, HARVARD BUS REV (47), 136	18.07	74.17
Flynn B B, 1994, Journal of Operations Management (11), 0	16.87	51.21
Ahire SL, 1996, DECISION SCI (27), 23	15.66	55.94
Schroeder RG, 2002, STRATEGIC MANAGE J (23), 105	15.66	91.85
Swamidass PM, 1987, MANAGE SCI (33), 509	15.66	51.34
Flynn B B, 1990, J OPERATIONS MANAGEM (9), 250	15.66	50.76
Powell TC, 1995, STRATEGIC MANAGE J (16), 15	15.66	50.89
Wernerfelt B, 1984, STRATEGIC MANAGE J (5), 171	14.46	53.06
Boyer KK, 2002, PROD OPER MANAG (11), 9	14.46	62.08
Lee HL, 1997, MANAGE SCI (43), 546	14.46	50.17
Rosenzweig ED, 2004, PROD OPER MANAG (13), 354	14.46	64.06
Hayes r H, 1996, PRODUCTION OPERATION (5), 25	14.46	66.24
Flynn BB, 1999, J OPER MANAG (17), 249	14.46	79.03
Podsakoff PM, 1986, J MANAGE (12), 531	13.25	36.75
Vickery SK, 1993, DECISION SCI (24), 435	13.25	51.07
Meredith J, 1998, J OPER MANAG (16), 441	13.25	58.11
Thompson J, 1967, ORG ACTION (0), 0	13.25	46.40
RefJournal	f(%)	σ
J OPER MANAG	87.95	86.34
MANAGE SCI	72.29	51.55
HARVARD BUS REV	72.29	73.48
ACAD MANAGE REV	63.86	74.89
STRATEGIC MANAGE J	63.86	76.14
DECISION SCI	61.45	68.62
PROD OPER MANAG	59.04	53.90
J OPERATIONS MANAGEM	55.42	70.51
ADMIN SCI QUART	48.19	67.30
INT J OPER PROD MAN	46.99	63.70

Table 4: The community 3 - “MANUFACTURING STRATEGY” contains $N = 1$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/-9999$

Keyword	f(%)	σ	Institution	f(%)	σ
MANUFACTURING STRATEGY	19.23	9.31	MICHIGAN STATE UNIV	15.38	33.96
EMPIRICAL RESEARCH	17.31	2.32	COLL BUSINESS ADM	11.54	26.68
OPERATIONS STRATEGY	15.38	2.79	GOIZUETA BUSINESS SCH	9.62	37.08
SUPPLY CHAIN MANAGEMENT	13.46	0.47	INDIANA UNIV	9.62	27.89
TRADE-OFFS	7.69	16.04	KELLEY SCH BUSINESS	9.62	29.71
COMPETITIVE CAPABILITIES	5.77	5.70	EMORY UNIV	9.62	34.23
TAXONOMY	5.77	6.09	COLL MANAGEMENT	7.69	21.05
EXPLOITATION	5.77	3.87	COLL BUSINESS	7.69	15.63
EXPLORATION	5.77	3.87	ELI BROAD GRAD SCH MANAGEMENT	7.69	22.97
RESOURCE-BASED VIEW	5.77	4.13	GEORGIA INST TECHNOL	5.77	15.21
STRATEGIC ALIGNMENT	5.77	6.74	DEPT MANAGEMENT	5.77	9.66
CAPABILITIES	3.85	4.01	SCH MANAGEMENT	5.77	10.81
AREAS FOR FUTURE RESEARCH	3.85	10.77	CHINESE UNIV HONG KONG	3.85	15.30
FIT	3.85	5.20	CORNELL UNIV	3.85	14.50
THEORY DEVELOPMENT	3.85	2.83	SHATIN	3.85	15.91
LABORATORY RESEARCH	3.85	5.43	UNIV N CAROLINA	3.85	9.75
QUALITATIVE RESEARCH	3.85	4.02	UNIV UTAH	3.85	17.81
ROUTINES	3.85	5.20	DEPT SUPPLY CHAIN MANAGEMENT	3.85	11.92
INNOVATION STRATEGY	3.85	6.58	NATL UNIV SINGAPORE	3.85	20.60
ADVANCED MANUFACTURING TECHNOLOGIES	3.85	6.16	DEPT DECIS SCI & MANAGERIAL ECON	3.85	23.05
Subject	f(%)	σ	Country	f(%)	σ
Operations Research & Management Science	100.00	0.00	Usa	69.23	38.59
Management	61.54	-0.62	Peoples r china	7.69	14.69
Engineering, Manufacturing	38.46	0.62	Canada	5.77	10.07
			England	3.85	9.31
			Singapore	3.85	12.52
			Spain	3.85	13.60
			Brazil	1.92	19.99
			Germany	1.92	8.24
			Switzerland	1.92	10.62
			Thailand	1.92	23.10
Journal	f(%)	σ	Author	f(%)	σ
J OPER MANAG	61.54	1.28	Rosenzweig ED	15.38	9.20
PROD OPER MANAG	38.46	0.62	Swink M	13.46	7.20
			Roth AV	9.62	3.25
			Verma R	5.77	3.95
			Victorino L	5.77	7.08
			Readman J	3.85	9.83
			Gaimon C	3.85	4.26
			Chung WM	3.85	9.91
			Covin JG	3.85	5.51
			Kroes JR	3.85	6.96

Reference	f(%)	σ
Boyer KK, 2002, PROD OPER MANAG (11), 9	84.62	288.31
Safizadeh MH, 2000, PROD OPER MANAG (9), 111	53.85	240.68
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	44.23	116.83
Miller JG, 1994, MANAGE SCI (40), 285	40.38	90.39
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	36.54	87.00
Skinner W, 1969, HARVARD BUS REV (47), 136	32.69	106.32
Hayes r H, 1996, PRODUCTION OPERATION (5), 25	30.77	111.74
Ward PT, 1998, DECISION SCI (29), 1035	28.85	122.58
Noble MA, 1995, DECISION SCI (26), 693	26.92	111.70
Giffi C, 1990, COMPETING WORLD CLAS (0), 0	26.92	102.96
Rosenzweig ED, 2004, PROD OPER MANAG (13), 354	26.92	94.54
Barney J, 1991, J MANAGE (17), 99	25.00	51.37
Roth a V, 1992, BUS HORIZONS (35), 73	25.00	123.79
Gerwin D, 1993, MANAGE SCI (39), 395	25.00	73.06
Fornell C, 1981, J MARKETING RES (18), 39	25.00	43.14
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	25.00	50.73
Safizadeh MH, 1996, MANAGE SCI (42), 1576	25.00	77.78
Schmenner RW, 1998, J OPER MANAG (17), 97	25.00	71.48
Corbett C, 1993, CALIF MANAGE REV (35), 107	23.08	136.45
Ward PT, 2000, J OPER MANAG (18), 123	23.08	89.32
Flynn BB, 2004, J OPER MANAG (22), 439	23.08	106.93
Flynn BB, 1999, J OPER MANAG (17), 249	23.08	99.92
Clark k B, 1996, PRODUCTION OPERATION (5), 42	21.15	119.23
Skinner W, 1996, PRODUCTION OPERATION (5), 3	21.15	83.48
Vickery s K, 1994, Production and Operations Management (3), 0	21.15	109.51
RefJournal	f(%)	σ
PROD OPER MANAG	80.77	58.63
J OPER MANAG	75.00	58.18
MANAGE SCI	69.23	39.04
HARVARD BUS REV	67.31	54.11
DECISION SCI	63.46	56.12
J OPERATIONS MANAGEM	61.54	62.02
STRATEGIC MANAGE J	61.54	58.06
ACAD MANAGE J	55.77	54.92
ACAD MANAGE REV	50.00	46.29
J MANAGE	46.15	54.58