

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 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).

Table 1: The community 0 - “EMPIRICAL RESEARCH” contains $N = 5$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/10$

Keyword	f(%)	σ
EMPIRICAL RESEARCH	23.48	8.84
OPERATIONS STRATEGY	12.50	4.34
SUPPLY CHAIN MANAGEMENT	11.36	-0.01
QUALITY MANAGEMENT	11.36	5.45
PERFORMANCE	6.44	4.69
STRUCTURAL EQUATION MODELING	4.92	2.48
SERVICE OPERATIONS	4.17	-0.80
PURCHASING	4.17	2.89
QUALITY	4.17	2.32
MANUFACTURING STRATEGY	3.79	2.34
TECHNOLOGY MANAGEMENT	3.79	3.17
OPERATIONS MANAGEMENT	3.41	1.00
EMPIRICAL RESEARCH METHODS	3.41	1.84
TOTAL QUALITY MANAGEMENT	3.41	4.26
CONTINGENCY THEORY	3.03	3.03
CHINA	3.03	4.81
SCALE DEVELOPMENT	3.03	6.79
SUPPLY CHAIN INTEGRATION	3.03	2.30
MEASUREMENT AND METHODOLOGY	3.03	5.71
ENVIRONMENTAL UNCERTAINTY	3.03	4.63
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	88.19	7.82
Engineering, Manufacturing	11.81	-7.82
Journal	f(%)	σ
J OPER MANAG	86.72	11.23
PROD OPER MANAG	11.81	-7.82
M&SOM-MANUF SERV OP	1.48	-5.64

Institution	f(%)	σ
DEPT MANAGEMENT	14.81	57.59
UNIV MINNESOTA	10.74	56.91
CARLSON SCH MANAGEMENT	8.52	57.41
COLL BUSINESS ADM	8.15	42.78
OHIO STATE UNIV	7.78	52.93
FISHER COLL BUSINESS	6.67	47.92
MICHIGAN STATE UNIV	5.56	27.61
DEPT MANAGEMENT SCI	5.19	35.93
COLL BUSINESS	5.19	23.82
ARIZONA STATE UNIV	4.44	28.05
SCH MANAGEMENT	4.44	18.83
LONDON BUSINESS SCH	4.44	45.80
DEPT SUPPLY CHAIN MANAGEMENT	4.07	28.80
ELI BROAD GRAD SCH MANAGEMENT	3.70	25.00
OPERAT & MANAGEMENT SCI DEPT	3.70	38.13
DEPT MKT & SUPPLY CHAIN MANAGEMENT	3.33	23.49
UNIV WESTERN ONTARIO	2.96	26.79
INDIANA UNIV	2.96	19.30
LONDON	2.96	26.79
KELLEY SCH BUSINESS	2.59	17.98
Country	f(%)	σ
Usa	57.41	72.56
England	6.30	35.02
Canada	5.19	20.55
Peoples r china	3.70	15.80
Spain	3.33	26.82
Italy	1.48	19.31
Australia	1.48	15.89
Singapore	1.48	10.77
South korea	1.11	10.98
France	0.74	4.63
Author	f(%)	σ
Schroeder RG	8.12	7.31
Boyer KK	4.80	6.05
Linderman K	3.69	3.83
Ward PT	3.69	4.92
Frohlich MT	2.95	7.03
Ghosh S	2.95	6.51
Zhao XD	2.95	5.41
Shah R	2.95	4.94
Roth AV	2.95	0.44
Kristal MM	2.58	4.57

Reference	f(%)	σ
Flynn B B, 1994, Journal of Operations Management (11), 0	45.76	251.85
Flynn B B, 1990, J OPERATIONS MANAGEM (9), 250	39.11	229.76
O'leary-kelly SW, 1998, J OPER MANAG (16), 387	33.58	200.68
Anderson JC, 1988, PSYCHOL BULL (103), 411	28.04	131.49
Fornell C, 1981, J MARKETING RES (18), 39	27.31	107.64
Malhotra MK, 1998, J OPER MANAG (16), 407	27.31	196.65
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	24.72	114.90
Ahire SL, 1996, DECISION SCI (27), 23	22.88	147.84
Miller JG, 1994, MANAGE SCI (40), 285	22.14	112.89
Bollen kenneth A, 1989, STRUCTURAL EQUATIONS (0), 0	22.14	117.99
Armstrong JS, 1977, J MARKETING RES (14), 396	21.40	99.28
Flynn BB, 1995, DECISION SCI (26), 659	21.40	141.22
Powell TC, 1995, STRATEGIC MANAGE J (16), 15	21.03	123.65
Dow D, 1999, PROD OPER MANAG (8), 1	19.56	140.84
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	19.56	106.07
Saraph JV, 1989, DECISION SCI (20), 810	18.45	138.57
Cua KO, 2001, J OPER MANAG (19), 675	17.34	146.36
Samson D, 1999, J OPER MANAG (17), 393	16.61	118.31
Bagozzi RP, 1991, ADMIN SCI QUART (36), 421	16.24	95.67
Vickery SK, 1993, DECISION SCI (24), 435	16.24	113.13
Swamidass PM, 1987, MANAGE SCI (33), 509	15.87	93.98
Dillman d A, 1978, MAIL TELEPHONE SURVE (0), 0	15.13	103.98
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	15.13	90.93
Deming WE, 1986, OUT CRISIS (0), 0	14.76	109.64
Podsakoff PM, 2003, J APPL PSYCHOL (88), 879	13.65	62.98
RefJournal	f(%)	σ
J OPER MANAG	65.68	116.13
J OPERATIONS MANAGEM	56.09	128.95
DECISION SCI	54.98	110.81
MANAGE SCI	54.98	70.35
STRATEGIC MANAGE J	51.66	111.06
ACAD MANAGE REV	50.55	106.86
Journal of Operations Management	49.08	130.01
HARVARD BUS REV	47.97	87.62
ACAD MANAGE J	46.13	103.50
J MARKETING RES	40.59	93.56

Table 2: The community 2 - “QUALITY MANAGEMENT” contains $N = 4$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/5$

Keyword	f(%)	σ
QUALITY MANAGEMENT	45.00	21.55
EMPIRICAL RESEARCH	20.00	4.58
QUALITY	14.17	9.19
PERFORMANCE	13.33	8.31
TOTAL QUALITY MANAGEMENT	7.50	7.58
SIX SIGMA	6.67	6.80
SUPPLY CHAIN MANAGEMENT	5.83	-1.91
STRUCTURAL EQUATION MODELING	5.83	2.31
EMPIRICAL RESEARCH METHODS	5.83	3.20
EVENT STUDY	5.00	7.57
OPERATIONS STRATEGY	5.00	-0.51
TQM	4.17	5.26
THEORY DEVELOPMENT	4.17	4.73
INTERDISCIPLINARY	4.17	2.92
CONTINGENCY THEORY	4.17	3.24
CONTINGENCY RESEARCH	4.17	8.61
MANUFACTURING STRATEGY	4.17	1.89
META-ANALYSIS	4.17	5.60
ISO 9000	3.33	5.25
ORGANIZATIONAL CONTEXT	3.33	13.75
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	88.52	5.32
Engineering, Manufacturing	11.48	-5.32
Journal	f(%)	σ
J OPER MANAG	88.52	7.94
PROD OPER MANAG	11.48	-5.32

Institution	f(%)	σ
DEPT MANAGEMENT	13.11	34.22
UNIV MINNESOTA	10.66	37.95
CARLSON SCH MANAGEMENT	9.02	40.86
COLL BUSINESS ADM	5.74	20.15
LONDON BUSINESS SCH	4.10	28.38
FISHER COLL BUSINESS	4.10	19.71
DEPT SUPPLY CHAIN MANAGEMENT	4.10	19.48
COLL BUSINESS	4.10	12.58
ARIZONA STATE UNIV	4.10	17.36
OHIO STATE UNIV	4.10	18.62
UNIV NOTRE DAME	3.28	20.33
OPERAT & MANAGEMENT SCI DEPT	3.28	22.67
BOWLING GREEN STATE UNIV	3.28	46.72
UNIV WESTERN ONTARIO	2.46	14.91
MENDOZA COLL BUSINESS	2.46	19.47
DEPT MANAGEMENT SCI	2.46	11.32
MICHIGAN STATE UNIV	2.46	8.01
DEPT OPERAT & MANAGEMENT SCI	2.46	24.70
RENSSELAER POLYTECH INST	2.46	18.88
DEPT MANAGEMENT MKT & INT BUSINESS	2.46	35.02
Country	f(%)	σ
Usa	45.08	38.00
Canada	7.38	19.84
England	4.92	18.32
Portugal	4.10	39.32
Spain	4.10	22.22
Peoples r china	3.28	9.36
Finland	1.64	19.68
Netherlands	0.82	3.32
Italy	0.82	7.12
Denmark	0.82	15.04
Author	f(%)	σ
Schroeder RG	12.30	8.23
Linderman K	5.74	4.67
Sousa R	5.74	10.31
Nair A	4.92	5.63
Yeung ACL	4.92	6.02
Hartley JL	4.10	6.63
Kaynak H	4.10	5.76
Choi TY	4.10	3.08
Voss CA	3.28	5.96
Zu XX	3.28	11.15

Reference	f(%)	σ
Samson D, 1999, J OPER MANAG (17), 393	68.03	326.02
Powell TC, 1995, STRATEGIC MANAGE J (16), 15	63.93	252.82
Flynn B B, 1994, Journal of Operations Management (11), 0	56.56	208.95
Flynn BB, 1995, DECISION SCI (26), 659	53.28	236.29
Choi TY, 1998, J OPER MANAG (17), 59	50.82	291.02
Dow D, 1999, PROD OPER MANAG (8), 1	45.90	222.13
Ahire SL, 1996, DECISION SCI (27), 23	44.26	192.18
Saraph JV, 1989, DECISION SCI (20), 810	38.52	194.39
Hendricks KB, 1997, MANAGE SCI (43), 1258	38.52	221.05
Anderson JC, 1995, DECISION SCI (26), 637	37.70	223.76
Ahire SL, 2000, J OPER MANAG (18), 549	36.89	258.77
Sousa R, 2002, J OPER MANAG (20), 91	36.07	274.39
Hendricks KB, 2001, J OPER MANAG (19), 269	36.07	251.04
Kaynak H, 2003, J OPER MANAG (21), 405	34.43	193.19
Dean JW, 1994, ACAD MANAGE REV (19), 392	33.61	185.26
Hackman JR, 1995, ADMIN SCI QUART (40), 309	32.79	174.72
Benson PG, 1991, MANAGE SCI (37), 1107	29.51	195.48
Anderson JC, 1994, ACAD MANAGE REV (19), 472	29.51	152.17
Sitkin SB, 1994, ACAD MANAGE REV (19), 537	28.69	161.62
Easton GS, 1998, J BUS (71), 253	27.87	197.22
Reed R, 1996, ACAD MANAGE REV (21), 173	26.23	192.67
Das A, 2000, DECISION SCI (31), 649	23.77	165.55
Black SA, 1996, DECISION SCI (27), 1	23.77	159.84
Douglas TJ, 2001, ACAD MANAGE J (44), 158	22.95	169.87
Hendricks KB, 1996, MANAGE SCI (42), 415	21.31	162.77
RefJournal	f(%)	σ
J OPER MANAG	58.20	68.92
DECISION SCI	51.64	69.78
ACAD MANAGE REV	50.00	70.91
MANAGE SCI	50.00	42.80
STRATEGIC MANAGE J	45.90	66.12
Journal of Operations Management	42.62	75.67
ACAD MANAGE J	41.80	62.86
PROD OPER MANAG	40.16	44.11
HARVARD BUS REV	39.34	48.04
J OPERATIONS MANAGEM	36.89	56.63

Table 3: The community 1 - “QUALITY MANAGEMENT” contains $N = 2$ articles. Its average internal link weight is $\langle \omega_{in} \rangle \simeq 1/2$

Keyword	f(%)	σ
QUALITY MANAGEMENT	41.25	15.97
EMPIRICAL RESEARCH	17.50	2.94
PERFORMANCE	12.50	6.27
TOTAL QUALITY MANAGEMENT	10.00	8.54
QUALITY	8.75	4.13
SUPPLY CHAIN MANAGEMENT	7.50	-1.09
CONTINGENCY RESEARCH	7.50	13.01
TQM	6.25	6.78
INTERDISCIPLINARY	6.25	4.08
MANUFACTURING STRATEGY	6.25	2.93
SIX SIGMA	6.25	5.15
ISO 9000	5.00	6.71
THEORY DEVELOPMENT	5.00	4.78
ORGANIZATIONAL BEHAVIOR	5.00	4.01
CONTINGENCY THEORY	5.00	3.36
LEAN PRODUCTION	5.00	4.13
ORGANIZATIONAL PERFORMANCE	5.00	5.50
OPERATIONS MANAGEMENT	3.75	0.75
EXPLORATION	3.75	2.83
ORGANIZATIONAL ISSUES	3.75	4.72
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	74.07	1.60
Engineering, Manufacturing	25.93	-1.60
Journal	f(%)	σ
J OPER MANAG	74.07	3.86
PROD OPER MANAG	25.93	-1.60

Institution	f(%)	σ
UNIV MINNESOTA	13.58	39.48
DEPT MANAGEMENT	8.64	18.24
CARLSON SCH MANAGEMENT	8.64	31.90
COLL BUSINESS ADM	7.41	21.27
LONDON BUSINESS SCH	4.94	27.89
FISHER COLL BUSINESS	4.94	19.39
OPERAT & MANAGEMENT SCI DEPT	4.94	27.89
RENSSELAER POLYTECH INST	4.94	31.03
OHIO STATE UNIV	4.94	18.33
UNIV NOTRE DAME	3.70	18.74
HONG KONG POLYTECH UNIV	3.70	18.74
UNIV UTAH	3.70	21.41
DEPT SUPPLY CHAIN MANAGEMENT	3.70	14.32
ARIZONA STATE UNIV	3.70	12.76
MENDOZA COLL BUSINESS	3.70	23.96
CLEMSON UNIV	3.70	17.42
DAVID ECCLES SCH BUSINESS	3.70	21.41
MICHIGAN STATE UNIV	3.70	9.98
DEPT LOGIST	3.70	32.02
CURTIS L CARLSON SCH MANAGEMENT	3.70	26.61
Country	f(%)	σ
Usa	53.09	36.66
England	8.64	26.43
Canada	7.41	16.23
Portugal	4.94	38.63
Peoples r china	3.70	8.66
Spain	3.70	16.34
Finland	2.47	24.19
South korea	2.47	13.55
Brazil	1.23	15.99
Netherlands	1.23	4.19
Author	f(%)	σ
Schroeder RG	17.28	9.94
Linderman K	13.58	10.34
Sousa R	8.64	12.91
Yeung ACL	7.41	7.75
Zhang DL	7.41	13.61
Choo AS	7.41	8.30
Voss CA	6.17	9.58
Liedtke C	4.94	8.03
Lai KH	4.94	6.64
Gray JV	4.94	7.21

Reference	f(%)	σ
Dow D, 1999, PROD OPER MANAG (8), 1	74.07	292.21
Powell TC, 1995, STRATEGIC MANAGE J (16), 15	61.73	198.88
Flynn B B, 1994, Journal of Operations Management (11), 0	56.79	170.96
Kaynak H, 2003, J OPER MANAG (21), 405	54.32	248.49
Flynn BB, 1995, DECISION SCI (26), 659	50.62	182.90
Samson D, 1999, J OPER MANAG (17), 393	45.68	178.29
Sousa R, 2001, PROD OPER MANAG (10), 383	45.68	238.32
Ahire SL, 1996, DECISION SCI (27), 23	44.44	157.23
Sitkin SB, 1994, ACAD MANAGE REV (19), 537	40.74	187.09
Dean JW, 1994, ACAD MANAGE REV (19), 392	37.04	166.38
Benson PG, 1991, MANAGE SCI (37), 1107	35.80	193.29
Saraph JV, 1989, DECISION SCI (20), 810	34.57	142.11
Hendricks KB, 1997, MANAGE SCI (43), 1258	34.57	161.60
Anderson JC, 1994, ACAD MANAGE REV (19), 472	33.33	140.09
Sousa R, 2002, J OPER MANAG (20), 91	30.86	191.31
Hackman JR, 1995, ADMIN SCI QUART (40), 309	29.63	128.64
Das A, 2000, DECISION SCI (31), 649	27.16	154.15
Choi TY, 1998, J OPER MANAG (17), 59	27.16	126.65
Deming WE, 1986, OUT CRISIS (0), 0	27.16	110.47
Reed R, 1996, ACAD MANAGE REV (21), 173	27.16	162.57
Hendricks KB, 2001, J OPER MANAG (19), 269	27.16	154.01
Black SA, 1996, DECISION SCI (27), 1	25.93	142.06
Douglas TJ, 2001, ACAD MANAGE J (44), 158	25.93	156.38
Anderson JC, 1995, DECISION SCI (26), 637	25.93	125.31
Ahire SL, 2000, J OPER MANAG (18), 549	22.22	126.98
RefJournal	f(%)	σ
J OPER MANAG	69.14	66.87
DECISION SCI	62.96	69.48
MANAGE SCI	61.73	43.32
PROD OPER MANAG	61.73	55.71
ACAD MANAGE REV	56.79	65.72
STRATEGIC MANAGE J	51.85	60.95
HARVARD BUS REV	50.62	50.59
ACAD MANAGE J	50.62	62.16
Journal of Operations Management	49.38	71.52
J OPERATIONS MANAGEM	41.98	52.60