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 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). The tf-idf value which can be calculated by $tf - idf = f * log(frac1p)$ is also given.

Table 1: The community 1 - "FLEXIBILITY" contains $N = 3$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/7$

Keyword	f(%)	tf-idf
FLEXIBILITY	32.20	1.35
EMPIRICAL RESEARCH	30.51	0.76
OPERATIONS STRATEGY	23.73	0.66
MANUFACTURING FLEXIBILITY	10.17	0.52
VOLUME FLEXIBILITY	8.47	0.51
OPERATIONAL ABSORPTIVE CAPACITY	6.78	0.39
DISRUPTION RISK MITIGATION AND RESPONSE	5.08	0.36
SUPPLY CHAIN FLEXIBILITY	5.08	0.34
MIX FLEXIBILITY	5.08	0.34
COMPLEMENTARITY	5.08	0.34
MODIFICATION FLEXIBILITY, NEW PRODUCT FLEXIBILITY	5.08	0.34
ENVIRONMENTAL DYNAMISM	5.08	0.34
OPERATIONAL AMBIDEXTERITY	5.08	0.34
LATENT MODERATED STRUCTURAL EQUATIONS	5.08	0.34
AGILITY	5.08	0.32
DELIVERY PERFORMANCE	5.08	0.32
STRUCTURAL EQUATION MODELING	8.47	0.31
FIT	5.08	0.30
MEASUREMENT	5.08	0.29
SUPPLY CHAIN MANAGEMENT	11.86	0.26

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	80.00	2.34
Engineering, Manufacturing	20.00	-2.34

Journal	f(%)	σ
J OPER MANAG	73.33	3.21
PROD OPER MANAG	20.00	-2.34
M&SOM-MANUF SERV OP	6.67	-1.46

Institution	f(%)	σ
DEPT MANAGEMENT	16.67	30.58
COLL BUSINESS ADM	11.67	28.98
COLL BUSINESS	8.33	18.21
DEPT SUPPLY CHAIN MANAGEMENT	6.67	22.33
DEPT MANAGEMENT SCI	6.67	21.83
MICHIGAN STATE UNIV	6.67	15.67
SCH BUSINESS	6.67	15.31
SAM M WALTON COLL BUSINESS	5.00	32.22
UNIV ARKANSAS	5.00	27.04
INDIANA UNIV	5.00	15.49
ELI BROAD GRAD SCH MANAGEMENT	5.00	15.98
UNIV ALABAMA	5.00	39.50
UNIV S CAROLINA	5.00	21.41
UNIV NOTRE DAME	3.33	14.50
GOIZUETA BUSINESS SCH	3.33	13.72
SCHULICH SCH BUSINESS	3.33	23.51
YORK UNIV	3.33	22.41
UNIV WESTERN ONTARIO	3.33	14.22
MILLER COLL BUSINESS	3.33	30.40
GRAD SCH MANAGEMENT	3.33	20.60

Country	f(%)	σ
Usa	51.67	30.69
Canada	8.33	15.76
Netherlands	1.67	4.93
Italy	1.67	10.25
India	1.67	8.44
France	1.67	5.14
South korea	1.67	7.83
England	1.67	4.20
New zealand	1.67	18.60
Taiwan	1.67	15.17

Author	f(%)	σ
Malhotra MK	11.67	8.85
Jack EP	8.33	11.73
Rosenzweig ED	6.67	3.79
Patel PC	6.67	4.40
Swink M	6.67	3.35
Narasimhan R	6.67	3.26
Braunscheidel MJ	5.00	12.79
Ward PT	5.00	3.40
Menor LJ	5.00	3.45
Karuppan CA	5.00	9.94

Reference	f(%)	σ
Koste LL, 1999, J OPER MANAG (18), 75	76.67	322.11
Gerwin D, 1993, MANAGE SCI (39), 395	63.33	199.11
Upton DM, 1994, CALIF MANAGE REV (36), 72	60.00	293.94
D'souza DE, 2000, J OPER MANAG (18), 577	56.67	295.21
Sethi a K, 1990, International Journal of Flexible Manufacturing Systems (2), 0	55.00	245.94
Swamidass PM, 1987, MANAGE SCI (33), 509	46.67	130.47
Gupta y P, 1996, Production and Operations Management (5), 0	41.67	165.53
Upton DM, 1997, MANAGE SCI (43), 1079	40.00	161.76
Suarez FF, 1996, OPER RES (44), 223	38.33	187.02
Vokurka RJ, 2000, J OPER MANAG (18), 485	35.00	261.82
Slack N, 1983, International Journal of Operations & Production Management (3), 0	33.33	214.61
Narasimhan R, 1999, DECISION SCI (30), 683	30.00	134.09
Dixon JR, 1992, EUR J OPER RES (60), 131	28.33	198.08
Jack EP, 2002, J OPER MANAG (20), 519	28.33	214.20
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	28.33	72.41
Fornell C, 1981, J MARKETING RES (18), 39	26.67	49.45
Gerwin D, 1987, INT J OPER PROD MAN (7), 38	26.67	187.69
Miller JG, 1994, MANAGE SCI (40), 285	26.67	64.03
Ferdows K, 1990, J OPERATIONS MANAGEM (9), 168	25.00	70.84
Slack N, 1987, INT J OPER PROD MAN (7), 35	25.00	188.05
Pagell M, 1999, J OPER MANAG (17), 307	25.00	162.29
Nunnally JC, 1978, PSYCHOMETRIC THEORY (0), 0	23.33	51.01
Kekre S, 1990, MANAGE SCI (36), 1216	23.33	110.97
Browne J, 1984, FMS Magazine (2), 0	21.67	155.32
Boyer KK, 1999, MANAGE SCI (45), 824	21.67	150.53

RefJournal	f(%)	σ
J OPER MANAG	61.67	51.26
MANAGE SCI	60.00	36.21
HARVARD BUS REV	53.33	45.91
J OPERATIONS MANAGEM	46.67	50.39
DECISION SCI	45.00	42.56
CALIF MANAGE REV	45.00	56.41
STRATEGIC MANAGE J	43.33	43.74
INT J OPER PROD MAN	41.67	47.97
ACAD MANAGE REV	41.67	41.34
Journal of Operations Management	40.00	49.77

Table 2: The community 2 - "FLEXIBILITY" contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/3$

Keyword	f(%)	tf-idf
FLEXIBILITY	25.00	1.05
EMPIRICAL RESEARCH	40.91	1.01
OPERATIONS STRATEGY	27.27	0.76
MANUFACTURING FLEXIBILITY	11.36	0.59
MANUFACTURING	11.36	0.52
VOLUME FLEXIBILITY	6.82	0.41
MEASUREMENT	6.82	0.38
FIELD RESEARCH	6.82	0.37
THEORY BUILDING	6.82	0.36
DESIGN-TO-ORDER	4.55	0.35
PRODUCT CONFORMANCE	4.55	0.35
COMPETING RISK HAZARD FUNCTION MODEL	4.55	0.35
PRODUCT PERFORMANCE	4.55	0.35
AREAS FOR FUTURE RESEARCH	4.55	0.33
COMPETITIVE PROGRESSION THEORY	4.55	0.31
ENVIRONMENTAL DYNAMISM	4.55	0.31
WORK FORCE MANAGEMENT	4.55	0.28
HIGH-TECH MANUFACTURING	4.55	0.28
LABORATORY RESEARCH	4.55	0.28
MULTIVARIATE STATISTICAL TECHNIQUES	4.55	0.28

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	63.64	-0.28
Engineering, Manufacturing	36.36	0.28

Journal	f(%)	σ
J OPER MANAG	63.64	1.46
PROD OPER MANAG	36.36	0.28

Institution	f(%)	σ
DEPT MANAGEMENT	31.82	50.25
MICHIGAN STATE UNIV	15.91	32.31
COLL BUSINESS ADM	11.36	24.16
ZICKLIN SCH BUSINESS	9.09	65.81
DEPT MKT & SUPPLY CHAIN MANAGEMENT	9.09	26.13
DEPT MANAGEMENT SCI	9.09	25.55
ELI BROAD GRAD SCH MANAGEMENT	9.09	25.00
COLL BUSINESS	6.82	12.72
UNIV S CAROLINA	6.82	25.04
CUNY BERNARD M BARUCH COLL	6.82	58.41
SCH BUSINESS	6.82	13.41
GOIZUETA BUSINESS SCH	4.55	16.06
DEPT SUPPLY CHAIN MANAGEMENT	4.55	12.99
NATL UNIV SINGAPORE	4.55	22.41
UNIV ARKANSAS	4.55	21.04
DEPT MANAGEMENT MKT & IND DISTRIBUT	4.55	61.59
COLL BUSINESS & ECON	4.55	22.41
MOORE SCH BUSINESS	4.55	18.91
UNIV CINCINNATI	4.55	21.70
SEIDMAN SCH BUSINESS	4.55	61.59

Country	f(%)	σ
Usa	72.73	37.34
Singapore	4.55	13.64
Australia	2.27	9.90
England	2.27	4.98
India	2.27	9.90
France	2.27	6.07
Switzerland	2.27	11.56
Italy	2.27	12.00
Taiwan	2.27	17.73

Author	f(%)	σ
Malhotra MK	11.36	7.37
Rosenzweig ED	9.09	4.70
Koste LL	9.09	13.29
Das A	9.09	7.08
Narasimhan R	9.09	4.11
Jack EP	6.82	8.15
Boyer KK	6.82	3.76
Swink M	6.82	2.95
Kekre S	4.55	4.81
Ward PT	4.55	2.59

Reference	f(%)	σ
Gupta y P, 1996, Production and Operations Management (5), 0	79.55	270.74
Gerwin D, 1993, MANAGE SCI (39), 395	56.82	152.95
Sethi a K, 1990, International Journal of Flexible Manufacturing Systems (2), 0	45.45	174.04
Koste LL, 1999, J OPER MANAG (18), 75	38.64	138.95
Upton d M, 1995, Journal of Operations Management (12), 0	36.36	227.12
Swamidass PM, 1987, MANAGE SCI (33), 509	36.36	87.02
Upton DM, 1997, MANAGE SCI (43), 1079	36.36	125.92
Dixon JR, 1992, EUR J OPER RES (60), 131	34.09	204.11
Upton DM, 1994, CALIF MANAGE REV (36), 72	34.09	142.97
Hayes RH, 1984, RESTORING OUR COMPET (0), 0	34.09	74.65
Suarez FF, 1996, OPER RES (44), 223	31.82	132.91
Voss CA, 1996, PRODUCTION OPERATION (5), 78	29.55	204.31
Browne J, 1984, FMS Magazine (2), 0	29.55	181.40
Gerwin D, 1987, INT J OPER PROD MAN (7), 38	29.55	178.09
D'souza DE, 2000, J OPER MANAG (18), 577	27.27	121.62
Suarez FF, 1995, SLOAN MANAGE REV (37), 25	25.00	163.26
Skinner W, 1996, PRODUCTION OPERATION (5), 3	25.00	90.78
Boyer KK, 2002, PROD OPER MANAG (11), 9	22.73	71.13
Gupta YP, 1992, EUR J OPER RES (60), 166	22.73	137.49
Ettlie JE, 1994, MANAGE SCI (40), 1444	22.73	162.70
Kekre S, 1990, MANAGE SCI (36), 1216	22.73	92.55
Hayes r H, 1996, PRODUCTION OPERATION (5), 25	22.73	75.89
Slack N, 1983, International Journal of Operations & Production Management (3), 0	22.73	125.28
Wheelwright SC, 1996, PRODUCTION OPERATION (5), 59	20.45	91.82
Safizadeh MH, 2000, PROD OPER MANAG (9), 111	20.45	84.03

RefJournal	f(%)	σ
MANAGE SCI	75.00	38.97
HARVARD BUS REV	70.45	52.13
Production and Operations Management	63.64	96.89
J OPER MANAG	59.09	42.04
Journal of Operations Management	54.55	58.27
DECISION SCI	52.27	42.42
INT J OPER PROD MAN	52.27	51.65
ACAD MANAGE REV	52.27	44.54
STRATEGIC MANAGE J	52.27	45.29
J OPERATIONS MANAGEM	50.00	46.27

Table 3: The community 0 - "FLEXIBILITY" contains $N = 1$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/-9999$

Keyword	f(%)	tf-idf
FLEXIBILITY	50.00	2.10
ENVIRONMENTAL UNCERTAINTY	33.33	1.66
MANUFACTURING FLEXIBILITY	22.22	1.15
OPERATIONS IMPROVEMENT	11.11	0.81
ORGANIZATIONAL-SLACK	11.11	0.79
TRANSFORMATION MODEL	11.11	0.79
ENVIRONMENTAL DYNAMISM	11.11	0.75
OPERATIONAL AMBIDEXTERITY	11.11	0.74
LATENT MODERATED STRUCTURAL EQUATIONS	11.11	0.74
SUPPLY-CHAIN	11.11	0.69
RESOURCE-BASED THEORY	11.11	0.69
DYNAMISM	11.11	0.68
LEAN PURCHASING	11.11	0.68
LEAN OPERATIONS	11.11	0.68
FIT	11.11	0.67
OPERATIONAL ABSORPTIVE CAPACITY	11.11	0.64
REGRESSION ANALYSIS	11.11	0.64
COMPLEXITY	11.11	0.56
EMPIRICAL RESEARCH	22.22	0.55
UNCERTAINTY	11.11	0.49

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	83.33	1.58
Engineering, Manufacturing	16.67	-1.58

Journal	f(%)	σ
J OPER MANAG	83.33	2.61
PROD OPER MANAG	16.67	-1.58

Institution	f(%)	σ
DEPT MANAGEMENT	16.67	16.75
COLL BUSINESS	16.67	20.10
BALL STATE UNIV	16.67	64.58
DEPT MANAGEMENT SCI	11.11	19.99
UNIV MINNESOTA	11.11	15.21
MILLER COLL BUSINESS	11.11	55.59
DEPT SUPPLY CHAIN MANAGEMENT	11.11	20.45
EASTERN MICHIGAN UNIV	5.56	48.15
INDIANA UNIV	5.56	9.44
DEPT MANAGEMENT MKT & IND DISTRIBUT	5.56	48.15
MICHIGAN STATE UNIV	5.56	7.13
KELLEY SCH BUSINESS	5.56	10.06
ELI BROAD GRAD SCH MANAGEMENT	5.56	9.73
CARLSON SCH MANAGEMENT	5.56	9.63
OREGON STATE UNIV	5.56	22.66
UNIV ALABAMA	5.56	24.04
OHIO STATE UNIV	5.56	9.73
DEPT COMP INFORMAT SYST	5.56	39.31
VICTORIA UNIV WELLINGTON	5.56	48.15
SEIDMAN SCH BUSINESS	5.56	48.15

Country	f(%)	σ
Usa	61.11	19.98
Canada	5.56	5.70
Netherlands	5.56	9.25
Iran	5.56	68.11
England	5.56	7.96
New zealand	5.56	34.03

Author	f(%)	σ
Patel PC	27.78	11.39
Linderman K	16.67	6.09
Ward PT	11.11	4.63
Anand G	11.11	6.82
Da Silveira GJC	11.11	13.49
Azadegan A	11.11	6.53
Sawhney R	11.11	9.14
Terjesen S	11.11	9.59
Li D	11.11	13.16
Zangoueinezhad A	11.11	10.12

Reference	f(%)	σ
Swamidass PM, 1987, MANAGE SCI (33), 509	88.89	136.22
Pagell M, 1999, J OPER MANAG (17), 307	88.89	316.18
Gerwin D, 1993, MANAGE SCI (39), 395	77.78	133.95
Pagell M, 2004, J OPER MANAG (21), 629	66.67	254.87
Koste LL, 1999, J OPER MANAG (18), 75	50.00	115.03
Upton DM, 1997, MANAGE SCI (43), 1079	44.44	98.45
Sethi a K, 1990, International Journal of Flexible Manufacturing Systems (2), 0	44.44	108.84
Dess GG, 1984, ADMIN SCI QUART (29), 52	44.44	117.31
D'souza DE, 2000, J OPER MANAG (18), 577	38.89	110.94
Narasimhan R, 1999, DECISION SCI (30), 683	38.89	95.23
Gupta y P, 1996, Production and Operations Management (5), 0	38.89	84.62
Ward PT, 2000, J OPER MANAG (18), 123	38.89	88.61
Suarez FF, 1996, OPER RES (44), 223	38.89	103.92
Upton DM, 1994, CALIF MANAGE REV (36), 72	38.89	104.33
Venkatraman N, 1989, ACAD MANAGE REV (14), 423	33.33	58.04
Womack j P, 1990, MACHINE CHANGED WORL (0), 0	33.33	61.75
Skinner W, 1996, PRODUCTION OPERATION (5), 3	33.33	77.44
Keats BW, 1988, ACAD MANAGE J (31), 570	33.33	115.00
Slack N, 1983, International Journal of Operations & Production Management (3), 0	33.33	117.54
Browne J, 1984, FMS Magazine (2), 0	33.33	130.90
Beach R, 2000, EUR J OPER RES (122), 41	27.78	156.63
Vokurka RJ, 2000, J OPER MANAG (18), 485	27.78	113.80
Koste LL, 2004, J OPER MANAG (22), 171	27.78	117.58
Duncan RB, 1972, ADMIN SCI QUART (17), 313	27.78	73.53
Sarndal c E, 2003, MODEL ASSISTED SURVE (0), 0	27.78	119.76

RefJournal	f(%)	σ
MANAGE SCI	72.22	23.98
J OPER MANAG	72.22	32.95
STRATEGIC MANAGE J	72.22	40.14
Journal of Operations Management	61.11	41.79
ACAD MANAGE REV	61.11	33.36
DECISION SCI	55.56	28.86
J OPERATIONS MANAGEM	55.56	32.91
HARVARD BUS REV	55.56	26.21
CALIF MANAGE REV	44.44	30.51
EUR J OPER RES	44.44	22.93