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 0 - "PROCUREMENT" contains $N = 2$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/-9999$

Keyword	f(%)	tf-idf
PROCUREMENT	21.05	1.06
AUCTIONS	18.42	0.97
INFORMATION ASYMMETRY	15.79	0.88
MECHANISM DESIGN	13.16	0.72
PROCUREMENT AUCTIONS	10.53	0.68
PROCUREMENT AUCTION	7.89	0.58
SUPPLY CONTRACTS	10.53	0.57
AUDITING	7.89	0.53
PROCUREMENT STRATEGIES	7.89	0.50
SOURCING	7.89	0.46
PROCUREMENT OPERATIONS	5.26	0.45
ELECTRONIC MARKETS	5.26	0.40
PULL	5.26	0.40
DEMAND EFFORT	5.26	0.40
INTERDEPENDENT VALUES	5.26	0.40
SUPPLY CHAIN	10.53	0.39
MULTI-ATTRIBUTE AUCTIONS	5.26	0.39
BEHAVIORAL GAME THEORY	5.26	0.39
SUPPLY CHAIN COORDINATION	7.89	0.39
RANK	5.26	0.39

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	65.79	4.08
Management	34.21	-4.08

Journal	f(%)	σ
PROD OPER MANAG	65.79	4.08
M&SOM-MANUF SERV OP	26.32	2.44
J OPER MANAG	7.89	-5.53

Institution	f(%)	σ
NYU	7.89	28.03
SCH BUSINESS	7.89	14.47
GEORGIA INST TECHNOL	5.26	11.84
WASHINGTON UNIV	5.26	18.28
JOHN M OLIN SCH BUSINESS	5.26	25.93
TECH UNIV MUNICH	5.26	66.28
UNIV VIRGINIA	5.26	24.98
STERN SCH BUSINESS	5.26	22.66
UNIV CALIF BERKELEY	5.26	17.94
INDIANA UNIV	5.26	12.98
PURDUE UNIV	5.26	21.42
SCH MANAGEMENT	5.26	8.41
COLL BUSINESS ADM	5.26	10.30
UNIV CONNECTICUT	5.26	31.19
KELLEY SCH BUSINESS	5.26	13.84
UNIV TEXAS DALLAS	5.26	14.89
JINDAL SCH MANAGEMENT	2.63	27.03
GUANGZHOU 510275	2.63	20.92
MIT	2.63	8.91
UNIV NOTRE DAME	2.63	9.09

Country	f(%)	σ
Usa	63.16	30.03
India	5.26	21.42
Germany	5.26	19.45
England	2.63	5.39
Colombia	2.63	46.86
Greece	2.63	15.57
Peoples r china	2.63	4.15
Spain	2.63	7.92

Author	f(%)	σ
Seshadri S	13.16	11.40
Chen YJ	13.16	14.96
Katok E	10.53	10.67
Schwarz LB	7.89	12.20
Zemel E	7.89	19.00
Li CH	7.89	11.36
Scheller-Wolf A	5.26	10.96
Frikken KB	5.26	13.54
Steinberg R	5.26	22.66
Atallah MJ	5.26	13.54

Reference	f(%)	σ
Elmaghraby w J, 2000, Manufacturing & Service Operations Management (2), 0	63.16	368.36
Elmaghraby W, 2007, PROD OPER MANAG (16), 409	63.16	362.78
Krishna V, 2002, AUCTION THEORY (0), 0	31.58	242.49
Mithas S, 2007, PROD OPER MANAG (16), 455	31.58	217.09
Kwasnica AM, 2007, PROD OPER MANAG (16), 483	31.58	289.17
Rothkopf MH, 2007, PROD OPER MANAG (16), 404	31.58	284.49
Vickrey W, 1961, J FINANC (16), 8	28.95	191.43
Chen FR, 2007, MANAGE SCI (53), 1562	26.32	231.19
Bichler M, 2007, PROD OPER MANAG (16), 401	23.68	228.99
Myerson RB, 1981, MATH OPER RES (6), 58	23.68	203.75
Chen F, 2003, HDBK OPER R (11), 341	21.05	137.43
Milgrom PR, 1982, ECONOMETRICA (50), 1089	21.05	152.16
Feng J, 2007, PROD OPER MANAG (16), 510	21.05	242.65
Sosic G, 2007, PROD OPER MANAG (16), 471	21.05	259.60
Kouvelis P, 2006, PROD OPER MANAG (15), 449	18.42	71.00
Che YK, 1993, RAND J ECON (24), 668	18.42	216.34
Caplice C, 2007, PROD OPER MANAG (16), 423	18.42	253.77
Klemperer PAUL, 1999, J EC SURVEYS (13), 227	18.42	145.40
Beall S, 2003, ROLE REVERSE AUCTION (0), 0	15.79	119.97
Schvartzman LJ, 2007, PROD OPER MANAG (16), 495	15.79	205.50
Shen ZJM, 2007, PROD OPER MANAG (16), 713	15.79	104.12
Dasgupta S, 1990, INFORMATION EC POLIC (4), 5	15.79	208.32
Lucking-reiley D, 1999, AM ECON REV (89), 1063	15.79	119.69
Jap SD, 2002, J ACAD MARKET SCI (30), 506	15.79	103.76
Jap SD, 2007, J MARKETING (71), 146	13.16	161.27

RefJournal	f(%)	σ
MANAGE SCI	63.16	30.38
Manufacturing & Service Operations Management	55.26	49.63
PROD OPER MANAG	55.26	34.10
OPER RES	47.37	31.88
EUR J OPER RES	28.95	21.53
ECONOMETRICA	28.95	35.68
MARKET SCI	26.32	26.40
HARVARD BUS REV	26.32	17.75
AM ECON REV	23.68	27.37
RAND J ECON	21.05	31.04

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

Keyword	f(%)	tf-idf
PROCUREMENT OPERATIONS	14.29	1.21
DYNAMIC OPTIMIZATION	14.29	1.12
ELECTRONIC MARKETS	14.29	1.10
PROCUREMENT AUCTION	14.29	1.05
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
SUPPLY CHAIN COMPETITION	14.29	0.97
AUDITING	14.29	0.97
FLUID MODELS	14.29	0.96
RFID	19.05	0.95
CAPACITY	14.29	0.93
E-BUSINESS	14.29	0.81
INFORMATION ASYMMETRY	14.29	0.79
MECHANISM DESIGN	14.29	0.78
UNIT-PRICE AUCTIONS	9.52	0.78
KEYWORD AUCTIONS	9.52	0.78
PERFORMANCE-BASED PRICING	9.52	0.78
AUCTIONS	14.29	0.75

Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	90.48	5.41
Management	9.52	-5.42

Journal	f(%)	σ
PROD OPER MANAG	90.48	5.41
M&SOM-MANUF SERV OP	9.52	-0.47

Institution	f(%)	σ
UNIV MARYLAND	14.29	30.21
DEPT MANAGEMENT	9.52	10.26
ROBERT H SMITH SCH BUSINESS	9.52	24.20
SCH MANAGEMENT	9.52	11.45
UNIV MICHIGAN	9.52	18.92
SMEAL COLL BUSINESS	4.76	13.08
ELI BROAD GRAD SCH MANAGEMENT	4.76	9.00
PURDUE UNIV	4.76	14.40
ROSS SCH BUSINESS	4.76	18.96
MICHIGAN STATE UNIV	4.76	6.58
KELLEY SCH BUSINESS	4.76	9.30
ROBINS SCH BUSINESS	4.76	28.17
NYU	4.76	12.54
CALGARY	4.76	25.71
STERN SCH BUSINESS	4.76	15.23
CRAIG SCH BUSINESS	4.76	36.39
MIAMI UNIV OHIO	4.76	63.05
FLORIDA INT UNIV	4.76	28.17
MIT	4.76	12.06
UNIV NOTRE DAME	4.76	12.29

Country	f(%)	σ
Usa	47.62	16.69
Peoples r china	9.52	11.60
Canada	4.76	5.25
England	4.76	7.35
Germany	4.76	13.08
Colombia	4.76	63.05

Author	f(%)	σ
Zemel E	14.29	25.65
Seshadri S	14.29	9.23
Bichler M	14.29	45.84
Kyparisis GJ	14.29	23.92
Gupta S	14.29	7.69
Chen YJ	14.29	12.09
Steinberg R	14.29	45.84
Koulamas C	14.29	23.92
Perakis G	14.29	21.58
Zaretsky M	14.29	32.86

Reference	f(%)	σ
Rothkopf MH, 2007, PROD OPER MANAG (16), 404	85.71	574.08
Mithas S, 2007, PROD OPER MANAG (16), 455	80.95	413.76
Elmaghraby W, 2007, PROD OPER MANAG (16), 409	76.19	325.35
Feng J, 2007, PROD OPER MANAG (16), 510	66.67	571.26
Sosic G, 2007, PROD OPER MANAG (16), 471	57.14	523.85
Kwasnica AM, 2007, PROD OPER MANAG (16), 483	52.38	356.60
Shen ZJM, 2007, PROD OPER MANAG (16), 713	47.62	233.52
Vickrey W, 1961, J FINANC (16), 8	42.86	210.71
Schvartzman LJ, 2007, PROD OPER MANAG (16), 495	42.86	414.69
Caplice C, 2007, PROD OPER MANAG (16), 423	42.86	438.93
Kouvelis P, 2006, PROD OPER MANAG (15), 449	38.10	109.24
Krishna V, 2002, AUCTION THEORY (0), 0	38.10	217.47
Bichler M, 2007, PROD OPER MANAG (16), 401	33.33	239.59
Etzion H, 2008, PROD OPER MANAG (17), 150	28.57	313.33
Heydenreich B, 2007, PROD OPER MANAG (16), 437	28.57	400.50
Myerson RB, 1981, MATH OPER RES (6), 58	28.57	182.73
Xia CH, 2007, PROD OPER MANAG (16), 701	28.57	290.44
Mithas S, 2005, J MARKETING (69), 201	23.81	133.89
Elmaghraby w J, 2000, Manufacturing & Service Operations Management (2), 0	23.81	103.20
Boyer KK, 2005, PROD OPER MANAG (14), 442	19.05	47.04
Tsikriktsis N, 2004, PROD OPER MANAG (13), 216	19.05	59.21
Bardhan I, 2007, PROD OPER MANAG (16), 747	19.05	70.05
Buhman C, 2005, PROD OPER MANAG (14), 493	19.05	57.40
Whitaker J, 2007, PROD OPER MANAG (16), 599	19.05	97.60
Armstrong M, 2000, REV ECON STUD (67), 455	19.05	202.03

RefJournal	f(%)	σ
PROD OPER MANAG	52.38	24.00
MANAGE SCI	38.10	13.39
J MARKETING	33.33	22.28
REV ECON STUD	19.05	27.24
Manufacturing & Service Operations Management	19.05	12.51
MARKET SCI	19.05	14.13
INFORM SYST RES	19.05	21.97
J FINANC	19.05	31.68
ECONOMETRICA	19.05	17.38
Q J ECON	14.29	16.76