

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 $tf - idf = f * \log(\frac{1}{p})$ is also given.

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

Keyword	f(%)	tf-idf
RFID	43.33	2.16
SUPPLY UNCERTAINTY	13.33	0.83
RADIO FREQUENCY IDENTIFICATION (RFID)	10.00	0.71
INCENTIVES	10.00	0.57
INVENTORY RECORD INACCURACY	6.67	0.54
SAFETY LEAD TIMES	6.67	0.53
STOCHASTIC ORDERINGS	6.67	0.53
FLEXIBLE BACKUP SUPPLY	6.67	0.53
VALUE ASSESSMENT	6.67	0.53
MARKETING AND OPERATIONS INTERFACE	6.67	0.53
ARCHITECTURE	6.67	0.53
TRACEABILITY SYSTEM	6.67	0.53
CRITICAL SUCCESS FACTORS	6.67	0.53
GLOBAL SUPPLY CHAINS	6.67	0.52
STOCHASTIC LEAD TIMES	6.67	0.52
EMERGENCY ORDERING	6.67	0.52
ORDER PROGRESS INFORMATION	6.67	0.52
INVENTORY CONTROL	10.00	0.51
BARGAINING	6.67	0.50
SECURITY	6.67	0.50
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	86.67	6.03
Management	13.33	-6.03
Journal	f(%)	σ
PROD OPER MANAG	86.67	6.03
M&SOM-MANUF SERV OP	10.00	-0.49
J OPER MANAG	3.33	-5.41

Institution	f(%)	σ
KENAN FLAGLER BUSINESS SCH	13.33	30.03
UNIV N CAROLINA	13.33	26.04
STANFORD UNIV	10.00	26.28
WASHINGTON UNIV	6.67	20.60
GRAD SCH BUSINESS	6.67	14.23
ROTTERDAM SCH MANAGEMENT	6.67	35.12
TEXAS A&M UNIV	6.67	19.85
ERASMUS UNIV	6.67	28.14
UNIV MARYLAND	6.67	16.78
COLL BUSINESS & MANAGEMENT	3.33	26.35
GEORGIA INST TECHNOL	3.33	6.61
INDIANA UNIV	3.33	7.26
MCDONOUGH SCH BUSINESS	3.33	14.57
UNIV SO INDIANA	3.33	52.75
SUPPLY CHAIN MANAGEMENT DEPT	3.33	30.43
ROBINS SCH BUSINESS	3.33	23.56
COLL MANAGEMENT	3.33	6.85
CRANFIELD UNIV	3.33	52.75
DEPT MANAGEMENT	3.33	4.14
DEPT LOGIST	3.33	17.53
Country	f(%)	σ
Usa	56.67	23.87
Peoples r china	10.00	14.57
Netherlands	6.67	14.36
England	6.67	12.37
France	3.33	7.41
Author	f(%)	σ
Lee HL	10.00	14.08
So KC	6.67	16.79
Gaimon C	6.67	5.84
Choi T	6.67	8.01
Dutta A	6.67	19.85
Gaukler GM	6.67	12.95
Hausman WH	6.67	6.17
Barratt M	6.67	5.15
Whang SJ	6.67	13.26
Liu SX	6.67	19.85

Reference	f(%)	σ
Lee H, 2007, PROD OPER MANAG (16), 40	93.33	461.24
Gaukler GM, 2007, PROD OPER MANAG (16), 65	73.33	434.37
Raman A, 2001, CALIF MANAGE REV (43), 136	26.67	148.77
Dehoratius N, 2008, MANAGE SCI (54), 627	23.33	127.69
Delen D, 2007, PROD OPER MANAG (16), 613	23.33	163.85
Heese HS, 2007, PROD OPER MANAG (16), 542	23.33	155.08
Kang Y, 2005, IIE TRANS (37), 843	23.33	193.41
Dutta A, 2007, PROD OPER MANAG (16), 646	20.00	134.26
Whitaker J, 2007, PROD OPER MANAG (16), 599	20.00	122.49
Fleisch E, 2005, INT J PROD ECON (95), 373	16.67	156.83
Ngai EWT, 2007, PROD OPER MANAG (16), 554	16.67	106.91
Kok AG, 2007, M&SOM-MANUF SERV OP (9), 185	16.67	189.58
Song JS, 1994, MANAGE SCI (40), 603	16.67	127.38
Kouvelis P, 2006, PROD OPER MANAG (15), 449	13.33	45.64
Zipkin P, 1986, NAV RES LOG (33), 763	13.33	136.53
Elmaghraby W, 2007, PROD OPER MANAG (16), 409	13.33	68.00
Song JS, 1996, MANAGE SCI (42), 1409	13.33	119.98
Moinzadeh K, 1991, OPER RES (39), 308	13.33	132.09
Heim GR, 2002, PROD OPER MANAG (11), 54	13.33	53.58
Smith a D, 2005, Information Management & Computer Security (13), 0	13.33	207.85
Yano CA, 1995, OPER RES (43), 311	13.33	61.47
Dutta A, 2007, PROD OPER MANAG (16), 523	13.33	171.10
Kaplan RS, 1970, MANAGE SCI (16), 491	13.33	124.36
Prater E, 2005, SUPPLY CHAIN MANAG (10), 134	13.33	120.48
Barney J, 1991, J MANAGE (17), 99	13.33	20.72
RefJournal	f(%)	σ
PROD OPER MANAG	66.67	36.66
MANAGE SCI	60.00	25.61
IIE TRANS	36.67	31.83
OPER RES	36.67	21.81
CALIF MANAGE REV	36.67	32.44
INT J PROD ECON	26.67	22.91
EUR J OPER RES	20.00	13.08
NAV RES LOG	20.00	21.10
HARVARD BUS REV	20.00	11.87
M&SOM-MANUF SERV OP	20.00	17.40