

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 - “SUPPLY UNCERTAINTY” contains $N = 3$ articles. Its average internal link weight is $< \omega_{in} > \simeq 1/3$

Keyword	f(%)	tf-idf
SUPPLY UNCERTAINTY	20.41	1.28
DUAL SOURCING	18.37	1.12
SUPPLY DIVERSIFICATION	10.20	0.71
SUPPLY RISK	10.20	0.59
RESPONSIVE PRICING	8.16	0.58
COURNOT COMPETITION	8.16	0.53
SUPPLY CHAIN MANAGEMENT	22.45	0.49
EQUILIBRIUM	6.12	0.48
AUCTIONS AND MECHANISM DESIGN	6.12	0.48
FINANCIAL DEFAULTS	6.12	0.47
CAPACITY INVESTMENTS	6.12	0.45
INVENTORY	10.20	0.44
RISK MANAGEMENT	8.16	0.43
OPERATIONS AND FINANCE		
INTERFACE	6.12	0.43
BANKRUPTCY	6.12	0.41
RANDOM YIELD	6.12	0.40
INCENTIVES AND CONTRACTING	6.12	0.37
MARKOV DECISION PROCESSES	6.12	0.36
SUPPLIER MANAGEMENT	6.12	0.35
DUAL-SOURCING	4.08	0.33
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Management	61.22	-0.65
Engineering, Manufacturing	38.78	0.65
Journal	f(%)	σ
M&SOM-MANUF SERV OP	55.10	8.77
PROD OPER MANAG	38.78	0.65
J OPER MANAG	6.12	-6.52

Institution	f(%)	σ
WASHINGTON UNIV	10.20	40.37
KENAN FLAGLER BUSINESS SCH	8.16	23.43
UNIV N CAROLINA	8.16	20.30
DEPT MANAGEMENT	6.12	9.97
JOHN M OLIN SCH BUSINESS	6.12	34.27
ARIZONA STATE UNIV	6.12	16.53
WP CAREY SCH BUSINESS	6.12	19.95
UNIV MICHIGAN	6.12	18.52
UNIV MIAMI	6.12	33.02
INDIANA UNIV	4.08	11.39
MCDONOUGH SCH BUSINESS	4.08	22.82
GEORGETOWN UNIV	4.08	22.82
OLIN BUSINESS SCH	4.08	26.04
NORTHWESTERN UNIV	4.08	15.21
SCH BUSINESS	4.08	8.38
TUCK SCH BUSINESS	4.08	36.88
KELLEY SCH BUSINESS	4.08	12.15
DARTMOUTH COLL	4.08	31.15
UNIV CALIF BERKELEY	4.08	15.77
COLL BUSINESS & MANAGEMENT	2.04	20.60
Country	f(%)	σ
Usa	53.06	28.50
Peoples r china	6.12	11.30
England	2.04	4.70
Spain	2.04	6.94
France	2.04	5.73
Author	f(%)	σ
Tomlin B	20.41	30.67
Gilland W	12.24	23.95
Kouvelis P	12.24	9.26
Wang YM	12.24	25.91
Babich V	12.24	18.54
Sethi SP	8.16	6.27
Tang SY	8.16	24.20
Li T	8.16	26.31
Zhang J	8.16	13.16
Yang ZB	6.12	20.80

Reference	f(%)	σ
Dada M, 2007, M&SOM-MANUF SERV OP (9), 9	77.55	599.33
Tomlin B, 2006, MANAGE SCI (52), 639	67.35	361.26
Babich V, 2007, M&SOM-MANUF SERV OP (9), 123	61.22	552.29
Anupindi R, 1993, MANAGE SCI (39), 944	57.14	386.88
Agrawal N, 1997, Production and Operations Management (6), 0	48.98	353.44
Tomlin B, 2005, Manufacturing & Service Operations Management (7), 0	46.94	448.19
Yano CA, 1995, OPER RES (43), 311	40.82	240.65
Parlar M, 1993, EUR J OPER RES (66), 52	40.82	486.62
Gerchak Y, 1990, NAV RES LOG (37), 341	38.78	422.62
Ciarallo FW, 1994, MANAGE SCI (40), 320	32.65	371.09
Swaminathan JM, 1999, OPER RES LETT (24), 213	32.65	371.83
Babich V, 2006, NAV RES LOG (53), 656	22.45	381.01
Henig M, 1990, OPER RES (38), 634	18.37	213.43
Yang ZB, 2009, MANAGE SCI (55), 192	18.37	187.57
Tomlin B, 2009, M&SOM-MANUF SERV OP (11), 192	18.37	273.30
Wang YM, 2010, M&SOM-MANUF SERV OP (12), 489	16.33	257.34
Federgruen A, 2009, OPER RES (57), 1451	14.29	255.19
Gurnani H, 2000, IIE TRANS (32), 701	14.29	219.39
Parlar M, 1995, INT J PROD ECON (42), 131	14.29	252.72
Federgruen A, 2008, OPER RES (56), 916	14.29	171.80
Feng Q, 2010, MANAGE SCI (56), 2154	14.29	241.38
Kazaz B, 2004, Manufacturing & Service Operations Management (6), 0	14.29	163.63
Krause DR, 1998, J OPER MANAG (17), 39	14.29	58.06
Lee HL, 1997, MANAGE SCI (43), 546	14.29	38.09
Sheffi Y, 2005, RESILIENT ENTERPRISE (0), 0	14.29	122.13
RefJournal	f(%)	σ
MANAGE SCI	57.14	31.12
OPER RES	44.90	34.28
M&SOM-MANUF SERV OP	42.86	48.14
PROD OPER MANAG	34.69	24.05
EUR J OPER RES	32.65	27.65
Manufacturing & Service Operations Management	30.61	31.01
NAV RES LOG	24.49	33.10
HARVARD BUS REV	24.49	18.71
Production and Operations Management	24.49	39.16
IIE TRANS	18.37	20.16