

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

Keyword	f(%)	tf-idf
DYNAMIC PRICING	37.25	1.77
STRATEGIC CONSUMERS	17.65	1.20
CUSTOMER BEHAVIOR	19.61	1.07
REVENUE MANAGEMENT	21.57	0.91
STRATEGIC CUSTOMER BEHAVIOR	11.76	0.83
STOCHASTIC GAMES	7.84	0.64
PRICING	15.69	0.59
INERTIA	7.84	0.58
BEHAVIORAL DECISION-MAKING	7.84	0.58
CONSUMER BEHAVIOR	7.84	0.50
PRICING AND REVENUE MANAGEMENT	7.84	0.48
CUSTOMER LEARNING	5.88	0.45
SELF-REGULATING	5.88	0.45
SMOOTHING	5.88	0.45
WAIT-OR-BUY	5.88	0.45
DISAPPOINTMENT AVERSION	5.88	0.45
CAPACITY RATIONING	5.88	0.45
VALUATION UNCERTAINTY	5.88	0.42
RETAILING	7.84	0.41
STRATEGIC CONSUMER BEHAVIOR	5.88	0.41
Subject	f(%)	σ
Operations Research & Management Science	100.00	0.00
Engineering, Manufacturing	56.86	3.38
Management	43.14	-3.38
Journal	f(%)	σ
PROD OPER MANAG	56.86	3.38
M&SOM-MANUF SERV OP	43.14	6.40

Institution	f(%)	σ
UNIV CALIF BERKELEY	9.80	38.82
WASHINGTON UNIV	5.88	23.69
UNIV N CAROLINA	5.88	14.87
DEPT IND ENGN & OPERAT RES	5.88	22.82
UNIV MICHIGAN	5.88	18.14
MIT	3.92	15.45
JOHN M OLIN SCH BUSINESS	3.92	22.36
MONTREAL	3.92	16.07
ARIZONA STATE UNIV	3.92	10.73
MCGILL UNIV	3.92	17.99
DEPT IND & OPERAT ENGN	3.92	28.55
HAAS SCH BUSINESS	3.92	24.32
KENAN FLAGLER BUSINESS SCH	3.92	11.39
KOWLOON	3.92	13.54
UNIV CALIF LOS ANGELES	3.92	12.98
DESAUTELS FAC MANAGEMENT	3.92	20.80
ANDERSON SCH	3.92	30.53
WP CAREY SCH BUSINESS	3.92	12.98
SCH BUSINESS	3.92	8.21
HONG KONG UNIV SCI & TECHNOL	3.92	20.80
Country	f(%)	σ
Usa	49.02	26.79
Peoples r china	9.80	18.62
Canada	7.84	13.66
India	1.96	9.18
Singapore	1.96	6.24
Author	f(%)	σ
Su XM	13.73	14.74
Nediak M	7.84	32.27
Mcgill J	7.84	32.27
Zhang D	7.84	14.16
Levin Y	7.84	32.27
Shum S	5.88	12.87
Milner JM	5.88	14.64
Parlakturk AK	5.88	15.49
Liu Q	5.88	13.72
Tang CS	5.88	5.97

Reference	f(%)	σ
Su XM, 2007, MANAGE SCI (53), 726	76.47	479.11
Aviv Y, 2008, M&SOM-MANUF SERV OP (10), 339	72.55	549.28
Elmaghraby W, 2008, M&SOM-MANUF SERV OP (10), 126	68.63	536.18
Liu Q, 2008, MANAGE SCI (54), 1115	58.82	472.97
Shen ZJM, 2007, PROD OPER MANAG (16), 713	54.90	419.58
Besanko D, 1990, MANAGE SCI (36), 555	45.10	346.44
Cachon GP, 2009, MANAGE SCI (55), 497	39.22	331.86
Xie JH, 2001, MARKET SCI (20), 219	37.25	264.09
Gallego G, 1994, MANAGE SCI (40), 999	35.29	208.10
Talluri KT, 2004, THEORY PRACTICE REVE (0), 0	35.29	172.75
Zhang D, 2008, PROD OPER MANAG (17), 416	33.33	392.77
Su XM, 2008, MANAGE SCI (54), 1759	31.37	316.89
Popescu I, 2007, OPER RES (55), 413	27.45	276.44
Levin Y, 2009, MANAGE SCI (55), 32	25.49	281.88
Elmaghraby W, 2003, MANAGE SCI (49), 1287	25.49	155.21
Stokey NL, 1979, Q J ECON (93), 355	25.49	229.72
Gallego G, 2008, PROD OPER MANAG (17), 402	25.49	352.64
Su XM, 2008, M&SOM-MANUF SERV OP (10), 566	23.53	220.97
Bitran G, 2003, Manufacturing & Service Operations Management (5), 0	23.53	159.36
Lai GM, 2010, M&SOM-MANUF SERV OP (12), 33	19.61	275.98
Dana JD, 1998, J POLIT ECON (106), 395	19.61	153.01
Yin R, 2009, MANAGE SCI (55), 1391	19.61	255.82
Caldentey R, 2007, MANAGE SCI (53), 795	17.65	218.97
Nair H, 2007, QME-QUANT MARK ECON (5), 239	13.73	222.42
Che YK, 1996, J IND ECON (44), 17	13.73	184.23
RefJournal	f(%)	σ
MANAGE SCI	52.94	29.35
M&SOM-MANUF SERV OP	43.14	49.44
OPER RES	41.18	32.02
PROD OPER MANAG	41.18	29.25
MARKET SCI	33.33	38.85
Q J ECON	27.45	50.45
Manufacturing & Service Operations Management	27.45	28.32
AM ECON REV	23.53	31.49
THEORY PRACTICE REVE	19.61	57.68
RAND J ECON	17.65	30.09