

## 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 - “CONSUMER CHOICE” contains  $N = 1$  articles. Its average internal link weight is  $\langle \omega_{in} \rangle \simeq 1/ - 9999$ 

Keyword	f(%)	tf-idf
CONSUMER CHOICE	26.32	1.78
ASSORTMENT PLANNING	26.32	1.72
MULTINOMIAL LOGIT MODEL	21.05	1.34
ASSORTMENT OPTIMIZATION	10.53	0.86
MATHEMATICAL MODELS	10.53	0.85
MARKETING AND MANUFACTURING		
INTERFACES	10.53	0.85
ORDERING AND PRICING	10.53	0.85
MARKETING INTERFACE	10.53	0.83
SLOTING FEES	10.53	0.83
PRODUCT VARIETY	15.79	0.82
SUBSTITUTABLE PRODUCTS	10.53	0.76
VERTICAL DIFFERENTIATION	10.53	0.69
OM-MARKETING INTERFACE	10.53	0.66
PRICING	15.79	0.59
RETAIL OPERATIONS	10.53	0.57
SUPPLY CHAIN MANAGEMENT	26.32	0.57
OPERATIONS	10.53	0.51
GAME THEORY	10.53	0.46
INVENTORY	10.53	0.45
INVENTORY MANAGEMENT	10.53	0.45
Subject	f(%)	$\sigma$
Operations Research & Management Science	100.00	0.00
Management	52.63	-1.19
Engineering, Manufacturing	47.37	1.19
Journal	f(%)	$\sigma$
M&SOM-MANUF SERV OP	47.37	4.46
PROD OPER MANAG	47.37	1.19
J OPER MANAG	5.26	-4.14
Institution	f(%)	$\sigma$
DEPT MANAGEMENT SCI	10.53	19.46
SAUDER SCH BUSINESS	10.53	39.94
FUQUA SCH BUSINESS	10.53	34.18
CITY UNIV HONG KONG	10.53	38.23
ARIZONA STATE UNIV	10.53	17.78
WP CAREY SCH BUSINESS	10.53	21.42
HONG KONG	10.53	30.36
FAC BUSINESS	10.53	30.36
DUKE UNIV	10.53	32.10
VANCOUVER	10.53	36.73
UNIV CALIF LOS ANGELES	10.53	21.42
UNIV BRITISH COLUMBIA	10.53	36.73
UNIV MICHIGAN	10.53	19.90
HENRY W BLOCH SCH MANAGEMENT	5.26	66.29
LEE KONG CHIAN SCH BUSINESS	5.26	22.06
UNIV MISSOURI	5.26	25.02
OWEN GRAD SCH MANAGEMENT	5.26	17.67
WASHINGTON UNIV	5.26	12.93
UNIV INT BUSINESS & ECON	5.26	66.29
SCH INT BUSINESS ADM	5.26	46.86
Country	f(%)	$\sigma$
Usa	57.89	19.42
Peoples r china	26.32	30.77
Canada	10.53	11.25
Singapore	5.26	10.39
Author	f(%)	$\sigma$
Kok AG	15.79	20.17
Aydin G	10.53	11.75
Bernstein F	10.53	16.87
Hausman WH	10.53	7.90
Honhon D	10.53	12.62
Pan XA	10.53	17.01
Tang CS	10.53	6.75
Xie L	10.53	30.37
Li ZL	10.53	18.66
Yin R	10.53	17.01
Reference	f(%)	$\sigma$
Cachon g P, 2005, Manufacturing & Service Operations Management (7), 0	94.74	528.88
Van ryzin G, 1999, MANAGE SCI (45), 1496	84.21	304.85
Hopp w J, 2005, Manufacturing & Service Operations Management (7), 0	57.89	475.65
Smith SA, 2000, OPER RES (48), 50	57.89	245.12
Gaur V, 2006, MANAGE SCI (52), 1528	47.37	253.69
Netessine S, 2003, OPER RES (51), 329	31.58	169.11
Aydin G, 2008, OPER RES (56), 1247	26.32	151.84
Cachon GP, 2007, MANAGE SCI (53), 934	26.32	216.77
Petruzzi NC, 1999, OPER RES (47), 183	21.05	72.91
Gaur V, 2005, PROD OPER MANAG (14), 377	21.05	152.34
Mahajan S, 2001, OPER RES (49), 646	21.05	130.58
Mussa M, 1978, J ECON THEORY (18), 301	21.05	87.09
Moorthy k S, 1984, MARKET SCI (3), 288	21.05	85.03
Mahajan S, 2001, OPER RES (49), 334	21.05	108.38
Kok AG, 2008, RETAIL SUPPLY CHAIN (0), 0	21.05	331.20
Dobson G, 1988, MARKET SCI (7), 107	21.05	125.69
Netessine S, 2007, MARKET SCI (26), 101	15.79	109.16
Guadagni P, 1983, MARKET SCI (2), 203	15.79	138.08
Lippman SA, 1997, OPER RES (45), 54	15.79	98.22
Cachon GP, 2008, MARKET SCI (27), 461	15.79	166.87
Bassok Y, 1999, OPER RES (47), 632	15.79	98.68
Chu WJ, 1992, MARKET SCI (11), 327	15.79	194.71
Kok AG, 2007, OPER RES (55), 1001	15.79	122.10
Cachon G, 2003, HDB OPERATIONS RES M (0), 0	15.79	84.16
Elmaghraby W, 2003, MANAGE SCI (49), 1287	15.79	58.66
RefJournal	f(%)	$\sigma$
MANAGE SCI	73.68	25.15
Manufacturing & Service Operations Management	73.68	46.89
OPER RES	63.16	30.18
MARKET SCI	52.63	37.60
M&SOM-MANUF SERV OP	36.84	25.73
PROD OPER MANAG	36.84	15.93
NAV RES LOG	31.58	26.64
MANUFACTURING SERVIC	26.32	29.64
J IND ECON	26.32	37.68
HDB OPERATIONS RES M	26.32	36.96