

Document Level/Betweenness Centrality/Shortest Paths					
Conventional Approach		Iterative Approach		Difference	
F-Score	Time	F-Score	Time	F-Score	Time
57.5406	10.08	70.07	36.50	12.53	26.42
44.1718	2.34	53.57	4.15	9.40	1.81
50.6173	1.25	64.24	3.50	13.63	2.26
56	1.75	65.24	6.57	9.24	4.82
40.9091	1.17	58.74	2.82	17.83	1.65
63.747	5.51	71.43	26.26	7.68	20.75
43.3604	6.16	50.27	13.34	6.91	7.18
71.6724	2.69	70.82	12.63	-0.85	9.94
67.2043	2.86	61.70	12.17	-5.50	9.31
57.1429	3.79	63.52	8.71	6.38	4.92
41.5842	1.50	66.38	5.36	24.80	3.86
59.3838	5.69	63.39	14.56	4.00	8.87
61.2069	1.24	70.20	5.91	9.00	4.67
				8.85	8.19

Document Level/PageRank/Shortest Paths					
Conventional Approach		Iterative Approach		Difference	
F-Score	Time	F-Score	Time	F-Score	Time
53.36	5.32	61.64	23.22	8.28	17.90
51.53	1.84	53.57	4.70	2.04	2.86
55.56	1.34	60.61	3.41	5.05	2.07
58.67	1.56	65.24	5.99	6.57	4.43
43.94	1.12	57.34	2.85	13.40	1.73
65.69	2.33	71.43	16.95	5.74	14.62
50.95	2.56	54.55	9.96	3.60	7.39
65.53	1.82	72.79	9.15	7.26	7.33
65.05	1.75	62.23	8.74	-2.82	6.99
55.81	1.61	71.07	7.27	15.26	5.65
40.59	1.09	59.48	4.66	18.89	3.57
60.50	2.07	63.93	10.24	3.43	8.17
64.66	0.97	71.02	5.19	6.37	4.22
				7.16	6.69

Document #	Document Monosemy	Betweenness Centrality	PageRank
d001	18.30	12.53	8.28
d002	10.17	9.40	2.04
d003	13.56	13.63	5.05
d004	12.50	9.24	6.57
d005	16.67	17.83	13.40
d006	15.32	7.68	5.74
d007	7.00	6.91	3.60
d008	18.52	-0.85	7.26
d009	12.22	-5.50	-2.82
d010	23.08	6.38	15.26
d011	35.29	24.80	18.89
d012	13.22	4.00	3.43
d013	25.61	9.00	6.37