

Complete Experimental Results on Three Data Sets Computed by RCP Approach

Table 1: Semantic Similarity Scores Computed by RCP Approach on the M&C Date Set (28 Pairs)				
ID	Term-A	Term-B	Human Rating	Similarity Score
1	car	automobile	3.92	1.0000
2	gem	jewel	3.84	1.0000
3	midday	noon	3.42	1.0000
4	magician	wizard	3.5	1.0000
5	furnace	stove	3.11	0.9495
6	bird	cock	3.05	0.8235
7	boy	lad	3.76	0.8000
8	asylum	madhouse	3.61	0.8000
9	coast	shore	3.7	0.8000
10	journey	voyage	3.84	0.8000
11	food	fruit	3.08	0.6814
12	tool	implement	2.95	0.6707
13	bird	crane	2.97	0.5642
14	lobster	food	0.89	0.5247
15	brother	monk	2.82	0.2774
16	crane	implement	1.68	0.2491
17	forest	graveyard	0.84	0.0706
18	coast	hill	0.87	0.0572
19	lad	brother	1.66	0.0169
20	monk	oracle	1.1	0.0017
21	journey	car	1.16	0.0014
22	monk	slave	0.55	0.0000
23	chord	smile	0.13	0.0000
24	coast	forest	0.42	0.0000
25	glass	magician	0.11	0.0000
26	noon	string	0.08	0.0000
27	rooster	voyage	0.08	0.0000
28	lad	wizard	0.42	0.0000

Table 2: Semantic Similarity Scores Computed by RCP Approach on the WordSim353 Similarity (MS) Date Set (203 Pairs)				
ID	Term-A	Term-B	Human rating	Similarity Score
1	calculation	computation	8.44	1.0000
2	car	automobile	8.94	1.0000
3	dollar	buck	9.22	1.0000
4	gem	jewel	8.96	1.0000
5	king	queen	8.58	1.0000
6	magician	wizard	9.02	1.0000
7	midday	noon	9.29	1.0000
8	tiger	tiger	10	1.0000
9	wood	forest	7.73	1.0000
10	football	soccer	9.03	0.9973
11	century	year	7.59	0.9969

12	mexico	brazil	7.44	0.9967
13	football	basketball	6.81	0.9966
14	glass	metal	5.56	0.9954
15	harvard	yale	8.13	0.9940
16	vodka	gin	8.46	0.9935
17	rock	jazz	7.59	0.9928
18	football	tennis	6.63	0.9907
19	physics	chemistry	7.35	0.9904
20	dollar	yen	7.78	0.9854
21	tiger	jaguar	8	0.9792
22	plane	car	5.77	0.9711
23	furnace	stove	8.79	0.9495
24	television	radio	6.77	0.9465
25	train	car	6.31	0.9465
26	professor	doctor	6.62	0.9301
27	vodka	brandy	8.13	0.9293
28	cucumber	potato	5.92	0.9207
29	mile	kilometer	8.66	0.9020
30	doctor	nurse	7	0.8834
31	bread	butter	6.19	0.8667
32	marathon	sprint	7.47	0.8585
33	street	avenue	8.88	0.8387
34	bird	cock	7.1	0.8235
35	asylum	madhouse	8.87	0.8000
36	boy	lad	8.83	0.8000
37	championship	tournament	8.36	0.8000
38	coast	shore	9.1	0.8000
39	journey	voyage	9.29	0.8000
40	life	death	7.88	0.8000
41	money	cash	9.15	0.8000
42	precedent	antecedent	6.04	0.8000
43	profit	loss	7.63	0.8000
44	smart	stupid	5.81	0.8000
45	type	kind	8.97	0.8000
46	cup	tableware	6.85	0.7934
47	murder	manslaughter	8.53	0.7828
48	museum	theater	7.19	0.7803
49	tiger	animal	7	0.7292
50	psychology	discipline	5.58	0.7219
51	aluminum	metal	7.83	0.7045
52	seafood	food	8.34	0.6817
53	food	fruit	7.52	0.6814
54	skin	eye	6.22	0.6742
55	psychology	psychiatry	8.08	0.6445
56	production	hike	1.75	0.6074
57	planet	moon	8.08	0.6021
58	money	currency	9.04	0.6000
59	bishop	rabbi	6.69	0.5717
60	bird	crane	7.38	0.5642
61	liquid	water	7.89	0.5429
62	jaguar	car	7.27	0.5338
63	travel	activity	5	0.5320
64	dividend	payment	7.63	0.5296

65	lobster	food	7.81	0.5247
66	seafood	lobster	8.7	0.5201
67	psychology	science	6.71	0.5190
68	consumer	energy	4.75	0.5176
69	tiger	carnivore	7.08	0.5152
70	tiger	cat	7.35	0.5142
71	tiger	mammal	6.85	0.5142
72	jaguar	cat	7.42	0.5135
73	cup	article	2.4	0.5089
74	man	governor	5.25	0.5061
75	tiger	feline	8	0.5059
76	opera	performance	6.88	0.5055
77	money	dollar	8.42	0.5054
78	cup	artifact	2.92	0.5050
79	phone	equipment	7.13	0.5036
80	ministry	culture	4.69	0.5023
81	music	project	3.63	0.5020
82	hospital	infrastructure	4.63	0.5020
83	media	radio	7.42	0.5019
84	tiger	organism	4.77	0.5015
85	doctor	personnel	5	0.5008
86	crane	implement	2.69	0.2491
87	shore	woodland	3.08	0.1972
88	board	recommendation	4.47	0.1949
89	precedent	collection	2.5	0.1879
90	school	center	3.44	0.1863
91	development	issue	3.97	0.1451
92	benchmark	index	4.25	0.1284
93	theater	history	3.91	0.1245
94	cemetery	woodland	2.08	0.1153
95	king	rook	5.92	0.1076
96	planet	sun	8.02	0.1015
97	computer	news	4.47	0.1010
98	life	term	4.5	0.0982
99	precedent	group	1.77	0.0918
100	forest	graveyard	1.85	0.0706
101	profit	warning	3.88	0.0644
102	announcement	production	3.38	0.0598
103	coast	hill	4.38	0.0572
104	cup	object	3.69	0.0522
105	image	surface	4.56	0.0492
106	cup	entity	2.15	0.0415
107	population	development	3.75	0.0370
108	reason	hypertension	2.31	0.0360
109	focus	life	4.06	0.0335
110	chance	credibility	3.88	0.0332
111	century	nation	3.16	0.0263
112	observation	architecture	4.38	0.0255
113	situation	isolation	3.88	0.0247
114	sign	recess	2.38	0.0214
115	delay	news	3.31	0.0200
116	lad	brother	4.46	0.0169
117	street	place	6.44	0.0169

118	announcement	news	7.56	0.0167
119	attempt	peace	4.25	0.0151
120	precedent	information	3.85	0.0113
121	japanese	american	6.5	0.0106
122	peace	atmosphere	3.69	0.0094
123	space	chemistry	4.88	0.0094
124	delay	racism	1.19	0.0092
125	peace	insurance	2.94	0.0088
126	atmosphere	landscape	3.69	0.0078
127	stock	phone	1.62	0.0060
128	architecture	century	3.78	0.0059
129	journal	association	4.97	0.0051
130	peace	plan	4.75	0.0050
131	start	match	4.47	0.0044
132	situation	conclusion	4.81	0.0033
133	line	insurance	2.69	0.0032
134	listing	proximity	2.56	0.0030
135	stock	live	3.73	0.0028
136	street	children	4.94	0.0027
137	street	block	6.88	0.0026
138	experience	music	3.47	0.0025
139	announcement	effort	2.75	0.0020
140	report	gain	3.63	0.0018
141	mars	water	2.94	0.0017
142	monk	oracle	5	0.0017
143	month	hotel	1.81	0.0016
144	start	year	4.06	0.0015
145	cup	food	5	0.0014
146	morality	marriage	3.69	0.0012
147	energy	secretary	1.81	0.0012
148	tiger	fauna	5.62	0.0009
149	prejudice	recognition	3	0.0007
150	king	cabbage	0.23	0.0006
151	smart	student	4.62	0.0005
152	stock	jaguar	0.92	0.0005
153	monk	slave	0.92	0.0000
154	coast	forest	3.15	0.0000
155	chord	smile	0.54	0.0000
156	investigation	effort	4.59	0.0000
157	arafat	jackson	2.5	0.0000
158	car	flight	4.94	0.0000
159	consumer	confidence	4.13	0.0000
160	cup	substance	1.92	0.0000
161	deployment	departure	4.25	0.0000
162	direction	combination	2.25	0.0000
163	drink	car	3.04	0.0000
164	drink	ear	1.31	0.0000
165	drink	mother	2.65	0.0000
166	five	month	3.38	0.0000
167	glass	magician	2.08	0.0000
168	governor	interview	3.25	0.0000
169	holy	sex	1.62	0.0000
170	lad	wizard	0.92	0.0000

171	lobster	wine	5.7	0.0000
172	media	gain	2.88	0.0000
173	media	trading	3.88	0.0000
174	minority	peace	3.69	0.0000
175	money	operation	3.31	0.0000
176	morality	importance	3.31	0.0000
177	noon	string	0.54	0.0000
178	opera	industry	2.63	0.0000
179	possibility	girl	1.94	0.0000
180	practice	institution	3.19	0.0000
181	precedent	cognition	2.81	0.0000
182	president	medal	3	0.0000
183	problem	airport	2.38	0.0000
184	professor	cucumber	0.31	0.0000
185	rooster	voyage	0.62	0.0000
186	seven	series	3.56	0.0000
187	stock	cd	1.31	0.0000
188	stock	egg	1.81	0.0000
189	stock	life	0.92	0.0000
190	sugar	approach	0.88	0.0000
191	viewer	serial	2.97	0.0000
192	volunteer	motto	2.56	0.0000
193	wednesday	news	2.22	0.0000
194	word	similarity	4.75	0.0000
195	food	rooster	4.42	0.0000
196	fuck	sex	9.44	0.0000
197	precedent	example	5.85	0.0000
198	drink	eat	6.87	0.0000
199	man	woman	8.3	0.0000
200	planet	star	8.45	0.0000
201	shower	thunderstorm	6.31	0.0000
202	student	professor	6.81	0.0000
203	cell	phone	7.81	0.0000

Table 3: Semantic Similarity Scores Computed by RCP Approach on the WP Date Set (300 Labeled Pairs)

ID	Term-A	Term-B	Human Rating	Similarity Score	Pair Type
1	competitor	rival	0.95	1.0000	conceptPair
2	rock	stone	0.95	1.0000	entityPair
3	domestic animal	grazing animal	0.75	0.9989	conceptPair
4	lunch	dinner	0.95	0.9987	entityPair
5	japanese	chinese	0.75	0.9983	entityPair
6	grazing animal	domesticated animal	0.8	0.9973	conceptPair
7	caged animal	game animal	0.85	0.9960	conceptPair
8	sri lanka	costa rica	0.9	0.9943	entityPair
9	polo	weight lifting	0.6	0.9942	entityPair
10	microsoft	apple	0.9	0.9939	entityPair
11	rock	jazz	0.9	0.9928	entityPair
12	wild animal	native animal	0.65	0.9920	conceptPair
13	romania	sri lanka	0.9	0.9912	entityPair
14	food processing	hospitality	0.15	0.9904	entityPair

15	turkey	sierra leone	0.8	0.9896	entityPair
16	hospital	school	0.65	0.9886	entityPair
17	time	national geographic	0.5	0.9862	entityPair
18	orange	red	0.9	0.9820	entityPair
19	birth date	credit card number	0.35	0.9795	entityPair
20	procter & gamble	apple	0.55	0.9766	entityPair
21	supper	dinner	0.95	0.9765	entityPair
22	range	appliance	0.7	0.9726	conceptEntityPair
23	fox	nbc	0.75	0.9689	entityPair
24	twitter	facebook	0.75	0.9677	entityPair
25	bank	citibank	0.9	0.9664	conceptEntityPair
26	manufacturing	trading	0.7	0.9662	entityPair
27	spring	summer	0.9	0.9654	entityPair
28	mouse	prairie dog	0.85	0.9639	entityPair
29	general mills	avon	0.45	0.9632	entityPair
30	sun	coca-cola	0.7	0.9631	entityPair
31	nokia	cisco systems	0.8	0.9624	entityPair
32	spirit	cocktail	0.85	0.9578	entityPair
33	country	united kingdom	0.85	0.9558	conceptEntityPair
34	monsanto	sun microsystems	0.6	0.9520	entityPair
35	white	cream	0.75	0.9451	entityPair
36	chicken	beef	0.85	0.9417	entityPair
37	rodent	rat	0.9	0.9417	conceptEntityPair
38	business	bakery	0.7	0.9396	conceptEntityPair
39	business	restaurant	0.55	0.9377	conceptEntityPair
40	fruit	apple	0.8	0.9340	conceptEntityPair
41	company	coca cola	0.8	0.9324	conceptEntityPair
42	video	music	0.8	0.9322	entityPair
43	country	czech republic	0.85	0.9321	conceptEntityPair
44	java	perl	0.9	0.9317	entityPair
45	company	bank of america	0.8	0.9314	conceptEntityPair
46	country	united states	0.85	0.9298	conceptEntityPair
47	company	wells fargo	0.8	0.9296	conceptEntityPair
48	mild steel	paper towel	0.25	0.9281	entityPair
49	sun	wind power	0.9	0.9278	entityPair
50	insurance company	big company	0.8	0.9277	conceptPair
51	company	american express	0.8	0.9277	conceptEntityPair
52	eu country	western country	0.9	0.9197	conceptPair
53	worm	ear mite	0.85	0.9195	entityPair
54	fresh	egg	0.5	0.9161	entityPair
55	store	grocery	0.9	0.9158	conceptEntityPair
56	company	morgan stanley	0.8	0.9109	conceptEntityPair
57	company	goldman sachs	0.8	0.9104	conceptEntityPair
58	country	costa rica	0.85	0.9008	conceptEntityPair
59	company	cisco systems	0.7	0.8993	conceptEntityPair
60	company	barclays	0.8	0.8992	conceptEntityPair
61	spectator sport	professional sport	0.75	0.8959	conceptPair
62	fox	polar bear	0.7	0.8927	entityPair
63	company	oil company	0.8	0.8893	conceptEntityPair
64	gold	chocolate brown	0.65	0.8877	entityPair
65	emerging economy	market	0.7	0.8861	conceptPair
66	company	general mills	0.5	0.8838	conceptEntityPair
67	giant	large company	0.6	0.8825	conceptPair
68	company	hewlett packard	0.75	0.8823	conceptEntityPair
69	turkey	corned beef	0.8	0.8790	entityPair
70	organized sport	sport	0.85	0.8788	conceptPair
71	company	deutsche bank	0.55	0.8757	conceptEntityPair
72	company	technology company	0.8	0.8712	conceptEntityPair
73	apple	ipad	0.2	0.8658	entityPair

74	company	icici bank	0.8	0.8641	conceptEntityPair
75	sport	table tennis	0.8	0.8628	conceptEntityPair
76	sport	ice hockey	0.8	0.8624	conceptEntityPair
77	stone	paper towel	0.1	0.8621	entityPair
78	dog	sea turtle	0.65	0.8590	entityPair
79	bank	bank of america	0.9	0.8555	conceptEntityPair
80	coal mining	medical device	0.1	0.8547	entityPair
81	notebook	laptop computer	0.95	0.8538	entityPair
82	company	standard chartered	0.8	0.8437	conceptEntityPair
83	racquetball	ice skating	0.85	0.8422	entityPair
84	liquid	black tea	0.8	0.8421	conceptEntityPair
85	cold-blooded animal	exotic animal	0.7	0.8407	conceptPair
86	orange	water melon	0.9	0.8402	entityPair
87	country	asian country	0.85	0.8365	conceptPair
88	firm	large company	0.75	0.8308	conceptPair
89	sport	sport event	0.9	0.8303	conceptPair
90	pie	cookie	0.9	0.8292	entityPair
91	food	baked good	0.75	0.8241	conceptEntityPair
92	technology company	microsoft	0.85	0.8208	conceptEntityPair
93	domesticated animal	pet	0.9	0.8160	conceptPair
94	high impact sport	competitive sport	0.85	0.8155	conceptPair
95	blue berry	apple	0.9	0.8148	entityPair
96	shell	exxon mobil corp.	0.85	0.8140	entityPair
97	animal	exotic animal	0.85	0.8128	conceptPair
98	domestic pet	domesticated animal	0.9	0.8092	conceptPair
99	country	hong kong	0.35	0.8014	conceptEntityPair
100	animal	blue jay	0.75	0.8008	conceptEntityPair
101	native animal	exotic animal	0.65	0.7984	conceptPair
102	summer fruit	climacteric fruit	0.7	0.7917	conceptPair
103	date	anniversary	0.75	0.7908	conceptEntityPair
104	vegetable	turnip	0.8	0.7845	conceptEntityPair
105	company	international company	0.85	0.7842	conceptPair
106	small country	neighboring country	0.7	0.7834	conceptPair
107	feral animal	grazing animal	0.65	0.7816	conceptPair
108	feast	easter	0.45	0.7806	conceptEntityPair
109	citrus juice	fruit juice	0.9	0.7779	conceptPair
110	sweet	cookie	0.8	0.7771	conceptEntityPair
111	room	kitchen	0.8	0.7693	conceptEntityPair
112	meal	lunch	0.85	0.7661	conceptEntityPair
113	school	new school	0.85	0.7660	conceptEntityPair
114	flower	mum	0.75	0.7639	conceptEntityPair
115	gold	stainless steel	0.8	0.7586	entityPair
116	social event	dinner	0.75	0.7585	conceptEntityPair
117	racquet sport	outdoor sport	0.85	0.7567	conceptPair
118	stone fruit	frozen fruit	0.75	0.7552	conceptPair
119	vegetable	bean	0.8	0.7545	conceptEntityPair
120	popular sport	athletic event	0.8	0.7505	conceptPair
121	game animal	exotic animal	0.65	0.7501	conceptPair
122	global company	multinational company	0.95	0.7460	conceptPair
123	cost	food	0.6	0.7441	conceptEntityPair
124	vegetable	eggplant	0.75	0.7409	conceptEntityPair
125	sport	martial art	0.75	0.7374	conceptEntityPair
126	vegetable	pepper	0.8	0.7326	conceptEntityPair
127	spring	river	0.7	0.7322	entityPair
128	vegetable	beet	0.6	0.7316	conceptEntityPair
129	animal	german shepherd	0.75	0.7197	conceptEntityPair
130	animal	poodle	0.8	0.7197	conceptEntityPair
131	date	asian pear	0.5	0.7111	entityPair
132	recreational sport	intramural sport	0.85	0.6999	conceptPair

133	tree fruit	berry	0.7	0.6974	conceptPair
134	team sport	olympic sport	0.85	0.6935	conceptPair
135	small fruit	red fruit	0.7	0.6907	conceptPair
136	range	food processor	0.75	0.6894	entityPair
137	insect	caterpillar	0.8	0.6852	conceptEntityPair
138	guinea pig	elephant	0.7	0.6799	entityPair
139	athletic event	intramural sport	0.8	0.6781	conceptPair
140	sport	kick boxing	0.75	0.6764	conceptEntityPair
141	public place	street	0.7	0.6709	conceptEntityPair
142	experimental scientist	chemist	0.8	0.6708	conceptEntityPair
143	forest animal	caged animal	0.65	0.6667	conceptPair
144	marine animal	cold-blooded animal	0.65	0.6665	conceptPair
145	india	developing country	0.8	0.6598	conceptPair
146	product	instant coffee	0.8	0.6564	conceptEntityPair
147	insect	cockroach	0.8	0.6560	conceptEntityPair
148	ruminant animal	farm animal	0.8	0.6530	conceptPair
149	exotic animal	feral animal	0.7	0.6529	conceptPair
150	combat sport	sport	0.85	0.6491	conceptPair
151	produce	acidic fruit	0.1	0.6475	conceptPair
152	acid	vinegar	0.85	0.6431	conceptEntityPair
153	ice	storm	0.7	0.6427	entityPair
154	endangered animal	predatory animal	0.7	0.6414	conceptPair
155	bus	flight	0.75	0.6393	entityPair
156	grazing animal	large animal	0.7	0.6346	conceptPair
157	nocturnal animal	exotic animal	0.55	0.6241	conceptPair
158	sport event	recreational sport	0.75	0.6233	conceptPair
159	passion fruit	blackberry	0.85	0.6210	entityPair
160	date	valentine's day	0.85	0.6150	entityPair
161	neighboring country	nation	0.65	0.6148	conceptPair
162	tropical fruit	citrus fruit	0.75	0.6117	conceptPair
163	developing country	country	0.85	0.5935	conceptPair
164	big player	key player	0.95	0.5935	conceptPair
165	international company	competitor	0.35	0.5915	conceptPair
166	dry fruit	red fruit	0.65	0.5899	conceptPair
167	insect	ladybug	0.8	0.5787	conceptEntityPair
168	mouse	mp3 player	0.6	0.5772	entityPair
169	athletics	olympic sport	0.8	0.5771	conceptPair
170	active sport	athletic event	0.85	0.5605	conceptPair
171	role	mentor	0.8	0.5558	conceptEntityPair
172	contact sport	winter sport	0.75	0.5522	conceptPair
173	social animal	caged animal	0.6	0.5494	conceptPair
174	employer	large corporation	0.6	0.5353	conceptPair
175	outdoor sport	athletics	0.85	0.5294	conceptPair
176	animal	flying squirrel	0.8	0.5247	conceptEntityPair
177	adventure sport	popular sport	0.85	0.5233	conceptPair
178	citrus juice	dry fruit	0.5	0.5227	conceptPair
179	spectator sport	water sport	0.75	0.5217	conceptPair
180	juicy fruit	frozen fruit	0.75	0.5207	conceptPair
181	animal	monarch butterfly	0.8	0.5191	conceptEntityPair
182	asian country	western country	0.75	0.5181	conceptPair
183	endurance sport	racquet sport	0.7	0.5171	conceptPair
184	leader	gandhi	0.8	0.5154	conceptEntityPair
185	rival	multinational company	0.3	0.5146	conceptPair
186	farm animal	aquatic animal	0.7	0.5082	conceptPair
187	animal	polar bear	0.8	0.5073	conceptEntityPair
188	aquatic animal	forest animal	0.7	0.5066	conceptPair
189	staff	kitchen staff	0.8	0.5018	conceptEntityPair
190	banking company	company	0.75	0.5000	conceptEntityPair
191	household name	big player	0.6	0.4975	conceptPair

192	event	lunch	0.7	0.4932	conceptEntityPair
193	convenient store	bakery	0.7	0.4866	conceptEntityPair
194	fruit	artichoke	0.65	0.4859	conceptEntityPair
195	support	meal	0.55	0.4844	entityPair
196	library	restaurant	0.65	0.4646	entityPair
197	sport	mountain biking	0.8	0.4572	conceptEntityPair
198	large corporation	private company	0.7	0.4571	conceptPair
199	olympic sport	sport event	0.85	0.4557	conceptPair
200	large company	manufacturer	0.7	0.4202	conceptPair
201	butter	cream	0.95	0.4129	entityPair
202	film	louise	0.5	0.4120	conceptEntityPair
203	wild animal	cat	0.7	0.4013	conceptEntityPair
204	player	oil company	0.05	0.3677	conceptPair
205	martial art	karate	0.85	0.3401	conceptEntityPair
206	lime	pumpkin	0.45	0.3310	entityPair
207	fruit	brussels sprout	0.55	0.3249	conceptEntityPair
208	chicken	hen	0.95	0.2996	entityPair
209	fruit	green pepper	0.35	0.2949	conceptEntityPair
210	notebook	pencil	0.7	0.2556	entityPair
211	fruit	green bean	0.5	0.2315	conceptEntityPair
212	climacteric fruit	vegetable juice	0.6	0.2261	conceptPair
213	donor	emerging market	0.1	0.2215	conceptPair
214	pool	restaurant	0.3	0.1972	entityPair
215	management	supper	0.4	0.1628	entityPair
216	neighbor	latin american country	0.2	0.1177	conceptPair
217	jurisdiction	emerging economy	0.3	0.1164	conceptPair
218	vegetable juice	juicy fruit	0.55	0.0851	conceptPair
219	dried fruit	wild fruit	0.65	0.0799	conceptPair
220	bank account	product description	0.05	0.0660	entityPair
221	casserole	egg	0.3	0.0629	entityPair
222	shell	bone	0.5	0.0612	entityPair
223	seasonal fruit	vegetable juice	0.5	0.0567	conceptPair
224	water sport	sport event	0.85	0.0565	conceptPair
225	working	meal	0.25	0.0517	entityPair
226	household pet	cold-blooded animal	0.6	0.0510	conceptPair
227	travel	meal	0.25	0.0426	entityPair
228	staff	supper	0.15	0.0416	entityPair
229	sun microsystems	penguin	0	0.0400	entityPair
230	reason	hypertension	0.1	0.0360	conceptEntityPair
231	alcoholic beverage	sports equipment	0	0.0314	entityPair
232	fruit	bell pepper	0.3	0.0304	conceptEntityPair
233	honda	general mills	0.45	0.0293	entityPair
234	zip code	ip address	0.65	0.0277	entityPair
235	company	great britain	0.05	0.0218	conceptEntityPair
236	company	new zealand	0.05	0.0218	conceptEntityPair
237	company	united states	0.05	0.0218	conceptEntityPair
238	social security number	credit card	0.65	0.0192	entityPair
239	worm	windows media player	0.25	0.0154	entityPair
240	fruit	brazil nut	0.5	0.0124	conceptEntityPair
241	music	lunch	0.1	0.0116	entityPair
242	fresh fruit	green bean	0.55	0.0097	entityPair
243	banana	beef	0.35	0.0068	entityPair
244	power	arab country	0.15	0.0056	conceptPair
245	european country	emerging economy	0.5	0.0050	conceptPair
246	play	lunch	0.4	0.0046	entityPair
247	acai berry	adidas	0	0.0040	entityPair
248	fruit	sweet potato	0.4	0.0030	conceptEntityPair
249	animal	martial art	0.25	0.0021	conceptEntityPair
250	manufacturer	predatory animal	0	0.0018	conceptPair

251	racquet sport	fruit	0	0.0012	conceptPair
252	vinegar	couscous	0.4	0.0009	entityPair
253	competitive sport	social animal	0.05	0.0009	conceptPair
254	sport	czech republic	0.1	0.0007	conceptEntityPair
255	spread	pie	0.25	0.0004	entityPair
256	company	mountain biking	0.05	0.0003	conceptEntityPair
257	company	table tennis	0.05	0.0003	conceptEntityPair
258	business card	washing machine	0.05	0.0000	entityPair
259	mobile phone	soft drink	0.05	0.0000	entityPair
260	watch	cream	0.15	0.0000	entityPair
261	bank of america	uk	0.2	0.0000	entityPair
262	brainstorming	google alerts	0.15	0.0000	entityPair
263	animal	gasket	0.3	0.0000	conceptEntityPair
264	industry	meal	0.25	0.0000	conceptEntityPair
265	company	cross country	0.1	0.0000	conceptEntityPair
266	company	field hockey	0	0.0000	conceptEntityPair
267	company	hong kong	0	0.0000	conceptEntityPair
268	company	ice hockey	0	0.0000	conceptEntityPair
269	group	dinner	0.3	0.0000	conceptEntityPair
270	industry	cinema	0.1	0.0000	conceptEntityPair
271	organism	tiger	0.6	0.0000	conceptEntityPair
272	project	music	0.3	0.0000	conceptEntityPair
273	sport	sri lanka	0.1	0.0000	conceptEntityPair
274	sport	united kingdom	0.05	0.0000	conceptEntityPair
275	sport	united states	0.05	0.0000	conceptEntityPair
276	adventure sport	large country	0.35	0.0000	conceptPair
277	domestic animal	fruit juice	0.05	0.0000	conceptPair
278	dry fruit	latin american country	0	0.0000	conceptPair
279	economy	developing country	0.6	0.0000	conceptPair
280	extreme sport	asian country	0	0.0000	conceptPair
281	fruit juice	active sport	0	0.0000	conceptPair
282	fruit juice	wild animal	0	0.0000	conceptPair
283	game animal	spectator sport	0.1	0.0000	conceptPair
284	global company	ball	0	0.0000	conceptPair
285	government	latin american country	0.45	0.0000	conceptPair
286	local fruit	marine animal	0.15	0.0000	conceptPair
287	pie	exotic fruit	0.4	0.0000	conceptPair
288	sport	citrus juice	0	0.0000	conceptPair
289	summer fruit	feral animal	0.3	0.0000	conceptPair
290	carbon fiber	newspaper article	0.1	0.0000	entityPair
291	gymnastics	general electric	0.05	0.0000	entityPair
292	hike	production	0.35	0.0000	entityPair
293	hp	wild boar	0	0.0000	entityPair
294	media	trading	0.25	0.0000	entityPair
295	party	dinner	0.65	0.0000	entityPair
296	peanut butter	motor vehicle	0.05	0.0000	entityPair
297	plum	home depot	0.05	0.0000	entityPair
298	population	expiration date	0.25	0.0000	entityPair
299	sri lanka	cattle	0.05	0.0000	entityPair
300	visual basic	pareto chart	0.35	0.0000	entityPair