|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
| |  | | --- | | Car + + | | Truck + + | | Suv + + | | Vehicle + + | | Minivan + + | | Cars + + | | Speedboat + - | | Racecar + + | | Automobile+ + | | Motorcar + + | | Jeep + + | | Limousine + + | | Minibus + + | | Lorry + + | | Limo + + | | Motorcycle + - | | Bike + - | | Motorhome+ + | | Taxicab + + | | Roadster + + | | |  | | --- | | Car + + | | Cars + + | | Truck + + | | Automobile + + | | Vehicle + + | | Motorbike + - | | Motorcycle + - | | Driver - + | | Minivan + + | | Suv + + | | Lorry + + | | Motorcar + + | | mid-engined - + | | Limousine + + | | front-engined - + | | Moped + - | | Motorhome + + | | Mercedes- benz+ + | | Bike + - | | rear-engined - + | |

WORD 2 VEC

(+ : good judgement, - : bad judgement)

CAR

+ : semantics + : topically

MAP = 0.9615

MAP = 0.924

BUS

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | bus | | minibus | | tram | | buses | | jeepney | | taxicab | | motorcoach | | taxi | | trolleybus | | lorry | | truck | | metrobus | | streetcar | | busses | | ferryboat | | trolley | | tramcar | | railcar | | railmotor | | intercityexpress | | |  | | --- | | bus | | buses | | tram | | metrobus | | intercity | | busses | | fixed-route | | minibus | | inter-city | | ksrtc | | commuter | | apsrtc | | msrtc | | inter-urban | | dial-a-ride | | mini-bus | | light-rail | | rail | | transit | | trolleybus | |

HOSPITAL

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | hospital | | sanatorium | | hospice | | sanitorium | | hospitals | | sanitarium | | clinic | | infirmary | | polyclinic | | dispensary | | orphanage | | poorhouse | | almshouse | | workhouse | | institutet | | leprosarium | | rikshospitalet | | heliport | | gaol | | guesthouse | | |  | | --- | | hospital | | clinic | | hospitals | | infirmary | | hospice | | lying-in | | dispensary | | polyclinic | | sanatorium | | convalescent | | mulago | | addenbrooke | | bethlem | | psychiatric | | maudsley | | siriraj | | sanitarium | | in-patient | | incurables | | orthopaedic | |

HOTEL

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | hotel | | motel | | hotels | | casino | | restaurant | | inn | | guesthouse | | tavern | | cafe | | ritz-carlton | | nightclub | | travelodge | | pizzeria | | roadhouse | | boardinghouse | | café | | condo | | brewpub | | sheraton | | steakhouse | | |  | | --- | | hotel | | motel | | restaurant | | doubletree | | sheraton | | hotels | | ritz-carlton | | sofitel | | westin | | ramada | | casino | | kempinski | | mansion | | inn | | cafe | | tavern | | apartments | | boutique | | nightclub | | marriott | |

GUN

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | gun | | guns | | handgun | | machinegun | | howitzer | | pistol | | rifle | | shotgun | | firearm | | cannon | | musket | | crossbow | | autocannon | | phaser | | flamethrower | | revolver | | carbine | | machine-gun | | weapon | | carronade | | |  | | --- | | gun | | guns | | cannon | | howitzer | | sub-machine | | flamethrower | | belt-fed | | 37mm | | smoothbore | | pistol | | shkas | | 105mm | | 40mm | | gatling | | recoilless | | 76mm | | 3-inch | | rifle | | 88mm | | large-caliber | |

BOMB

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | bomb | | bombs | | firebomb | | landmine | | car-bomb | | grenade | | torpedo | | ied | | warhead | | bomber | | bomblets | | missile | | nuke | | detonator | | booby-trap | | kamikaze | | munition | | explosives | | machinegun | | a-bomb | | |  | | --- | | bomb | | bombs | | detonated | | detonates | | detonate | | booby-trap | | detonating | | firebomb | | car-bomb | | exploded | | detonation | | warhead | | 500-pound | | b61 | | laser-guided | | blast | | explosives | | detonations | | landmine | | tallboy | |

HORSE

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | horse | | horses | | goat | | dog | | stallion | | mule | | bronc | | cow | | unicycle | | greyhound | | bareback | | camel | | appaloosa | | saddlebred | | colt | | zebu | | donkey | | sidesaddle | | racehorse | | elephant | | |  | | --- | | horse | | horses | | standardbred | | saddlebred | | gelding | | thoroughbred | | stallion | | racehorses | | dog | | riderless | | gaited | | bronc | | percheron | | pony | | trotting | | harness | | chariot | | appaloosa | | sulky | | racehorse | |

FOX

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | fox | | daystar | | nbc | | byutv | | kron | | wolf | | cbs-tv | | familynet | | abc | | wccb | | oln | | wjar | | hdnet | | telefutura | | woodchuck | | nbc-tv | | soapnet | | cinemax | | wdiv | | mundofox | | |  | | --- | | fox | | abc | | cbs | | nbc | | wxyz-tv | | msnbc | | ctv | | wsvn | | familynet | | wttg | | wjbk | | wfxt | | espn | | wofl | | cnn | | oln | | blitzer | | nesn | | wesh | | wb | |

TABLE

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | table | | tables | | leaderboard | | sideboard | | chessboard | | textbox | | taskbar | | gameboard | | worksheet | | tray | | viewport | | dais | | flowchart | | playfield | | mantelpiece | | stepladder | | cladogram | | letterbox | | windowsill | | bookcase | | |  | | --- | | table | | tables | | sortable | | wikitable | | look-up | | foosball | | toc | | bulleted | | ping-pong | | billiard | | table-tennis | | textbox | | tray | | lookup | | wikitables | | brackets | | header | | footer | | tabular | | menu | |

BOWL

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | bowl | | bowls | | superbowl | | arenabowl | | wcws | | wnit | | nlcs | | arenacup | | postseason | | nit | | xliii | | llws | | beanpot | | xlv | | triplemanía | | alcs | | nlds | | cup | | kvalserien | | tourney | | |  | | --- | | bowl | | xliii | | xlii | | xliv | | bowls | | xlvi | | tostitos | | xli | | xxxviii | | xlv | | xxxv | | xxxix | | xxxvii | | xlvii | | xxxvi | | xxxiv | | bluebonnet | | gator | | xxviii | | xxxii | |

GUITAR

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | guitar | | saxophone | | bass | | mandolin | | harmonica | | accordion | | trombone | | violin | | banjo | | guitars | | cello | | piano | | vibraphone | | sax | | trumpet | | autoharp | | clarinet | | sitar | | fiddle | | drums | | |  | | --- | | guitar | | harmonica | | mandolin | | bass | | drums | | guitars | | keyboards | | accordion | | banjo | | saxophone | | 12-string | | ukulele | | trombone | | fiddle | | autoharp | | melodica | | percussion | | vibraphone | | tambourine | | vocals | |

PIANO

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | Piano + + | | Violin + - | | Cello + - | | Harpsichord+ - | | Saxophone+ - | | Clarinet + - | | Guitar + - | | Trombone +- | | Mandolin+- | | Vibraphone++ | | Marimba++ | | Accordion +- | | Pianoforte ++ | | Bassoon +- | | Fortepiano ++ | | Violoncello +- | | Trumpet +- | | Harmonica +- | | Clavinet +- | | Clavichord ++ | | |  | | --- | | Piano + + | | Violin + - | | Cello + - | | Harpsichord++ | | Clarinet +- | | Viola +- | | Flute +- | | Bassoon +- | | Violoncello +- | | Oboe +- | | Concerto -+ | | Saxophone +- | | Accordion +- | | Harp +- | | Trombone +- | | Sonatas -+ | | Trumpet +- | | Mandolin +- | | Pianoforte ++ | | Vibraphone++ | |

MAP\_PIANO = 0.975

MAP\_PIANO = 0.41

**CONTEXTS**

CAR

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  |  | | --- | --- | | adpmod:byI\_commute | | | amod\_street-legal | | | conj\_hovercraft | | | amod\_newly-designed | | | amod\_liter |  | | amod\_late-model | | | poss\_brink |  | | compmod\_m1918 | | | adpmod:fromI\_tossed | | | compmod\_high-wing | | | |  | | --- | | car | | racing | | mygale | | bmw | | driver | | motor | | cars | | dealership | | parked | | rear-drive | |

BUS

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  |  | | --- | --- | | adpmod:byI\_commute | | | amod\_east-bound | | | conj\_hovercraft | | | adpmod:onI\_ridership | | | compmod\_airlink | | | compmod\_operates | | | conj\_busses |  | | compmod\_xpt | | | compmod\_yrt | | | dobjI\_onboard | | | |  | | --- | | bus | | buses | | ksrtc | | samtrans | | seabus | | smrt | | connexxion | | inter-city | | intercity | | msrtc | |

HOSPITAL

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | compmod\_siriraj | | compmod\_safdarjung | | adpmod:of\_nuova | | compmod\_strangeways | | amod\_maximum-security | | compmod\_armley | | compmod\_combermere | | compmod\_fresnes | | compmod\_eastview | | compmod\_desloge | | |  | | --- | | hospital | | bethlem | | moorfields | | psychiatric | | hospitals | | infirmary | | foundling | | siriraj | | maudsley | | westmead | |

HOTEL

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | compmod\_nymphenburg | | compmod\_dolmabahçe | | compmod\_whitwell | | conj\_guesthouses | | compmod\_ravenscourt | | compmod\_hanworth | | compmod\_siriraj | | compmod\_strangeways | | compmod\_safdarjung | | compmod\_armley | | |  | | --- | | hotel | | hotels | | westin | | radisson | | kempinski | | sofitel | | ramada | | biltmore | | ritz-carlton | | sheraton | |

GUN

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  |  | | --- | --- | | num\_88mm |  | | adpmod:withI\_rearmed | | | compmod\_m1918 | | | compmodI\_fellatio | | | num\_60mm |  | | adpmod:ofI\_hilt | | | compmod\_karabiner | | | compmod\_t-55 | | | adpmod:forI\_cartridges | | | compmodI\_cwt | | | |  | | --- | | gun | | guns | | submachine | | machine | | gatling | | sub-machine | | howitzer | | rifle | | 40mm | | 11-inch | |

BOMB

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  |  | | --- | --- | | num\_88mm |  | | adpmod:on\_pentagon | | | compmodI\_splashes | | | adpmod:byI\_unharmed | | | adpmod:withI\_rearmed | | | compmod\_single-car | | | compmod\_m1918 | | | compmod\_phishing | | | compmodI\_fellatio | | | rcmod\_bursts | | | |  | | --- | | bomb | | bombs | | detonated | | detonates | | detonate | | atomic | | exploded | | detonating | | bomber | | bombing | |

HORSE

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  |  | | --- | --- | | amod\_gaited | | | nsubjpassI\_spooked | | | compmodI\_drovers | | | dobjI\_shoe |  | | adpmod:byI\_commute | | | rcmod\_roams | | | poss\_quixote | | | compmod\_ch-53e | | | appos\_pony |  | | compmod\_poitevin | | | |  | | --- | | horse | | horses | | standardbred | | thoroughbred | | trotting | | riding | | racing | | ridden | | galloping | | bred | |

FOX

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  |  | | --- | --- | | amod\_crab-eating | | | appos\_canadensis | | | compmodI\_subchannels | | | conj\_mattel |  | | compmod\_jacki | | | conjI\_raimi |  | | conjI\_corgan | | | conjI\_leda |  | | conj\_bluebird | | | conj\_nolte |  | | |  | | --- | | fox | | vulpes | | news | | movietone | | owned-and-operated | | nbc | | cbs | | terrier | | affiliate | | cnn | |

TABLE

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | adpmod:inI\_rows | | adpmod:offI\_knocks | | adpmod:onI\_seventh | | amod\_ten-foot | | compmod\_abydos | | amod\_25-metre | | adpmod:intoI\_face | | adpmod:belowI\_added | | adpmod:throughI\_throw | | compmod\_three-judge | | |  | | --- | | table | | sortable | | tables | | tennis | | lookup | | billiards | | foosball | | periodic | | billiard | | toc | |

BOWL

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | adpmod:against\_auburn | | conjI\_preseason | | adpmod:against\_oklahoma | | adpmod:inI\_2-1 | | conj\_play-offs | | compmod\_pan-pacific | | adpmod:forI\_stadiums | | adpmod:atI\_clinched | | adpmod:intoI\_win | | amod\_25-metre | | |  | | --- | | bowl | | xli | | bowls | | xliv | | xxxviii | | xliii | | xlii | | xlvi | | xlv | | super | |

GUITAR

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | conjI\_bongos | | amod\_end-blown | | conj\_back-up | | adpmod:onI\_harris | | adpmod:forI\_adagio | | adpmod:onI\_thompson | | appos\_mandolin | | dep\_keyboard | | adpmod:ofI\_virtuoso | | adpmod:onI\_foster | | |  | | --- | | guitar | | bass | | guitars | | drums | | keyboards | | nyckelharpa | | glockenspiel | | 6-string | | tambourine | | banjo | |

PIANO

|  |  |
| --- | --- |
| TYPE 1 | TYPE 2 |
|  |  |
| |  | | --- | | adpmod:forI\_adagio | | amod\_end-blown | | conjI\_bongos | | adpmod:onI\_harris | | adpmod:ofI\_virtuoso | | adpmod:onI\_thompson | | conj\_back-up | | compmod\_kreutzer | | compmod\_vomeronasal | | adpmod:onI\_supplemented | | |  | | --- | | piano | | violin | | sonata | | cello | | concerto | | op | | harpsichord | | concertos | | viola | | violoncello | |