

Top 5 similar words from ad\_hoc\_and\_mobile\_networks:

```
[('tasksmore', 0.3136473298072815), ('pde', 0.2929084300994873), ('ambientt  
alk', 0.29209238290786743), ('unscalable', 0.2790900468826294), ('apostol',  
0.27677664160728455)]
```

Top 5 similar words from agent\_oriented\_software\_engineering:

```
[('sei', 0.8741958141326904), ('coventry', 0.8650667667388916), ('harlow',  
0.8638957738876343), ('margaret', 0.8543095588684082), ('infosec', 0.848782  
7777862549)]
```

Top 5 similar words from algorithms:

```
[('techniques', 0.8612595796585083), ('methods', 0.8306390643119812), ('mod  
els', 0.8110708594322205), ('problems', 0.7983295917510986), ('approaches',  
0.7962512373924255)]
```

Top 5 similar words from algorithms\_and\_data\_structure:

```
[('singleslice', 0.33544498682022095), ('overfittingdnns', 0.32474985718727  
11), ('discussionthere', 0.3245295584201813), ('arrange', 0.320287346839904  
8), ('cycлотomy', 0.3198801279067993)]
```

Top 5 similar words from animation\_and\_visualization:

```
[('historian', 0.35648104548454285), ('forcorrupted', 0.30161362886428833),  
('imove', 0.2954040467739105), ('sniffing', 0.29282376170158386), ('confro  
nt', 0.28674671053886414)]
```

Top 5 similar words from application\_specific\_processors:

```
[('paradoxical', 0.3494023084640503), ('threefactor', 0.31009507179260254),  
('forget', 0.2997168302536011), ('multiparametric', 0.2975809574127197),  
('xenogenic', 0.29387539625167847)]
```

Top 5 similar words from applied\_operations\_research:

```
[('rewarded', 0.37204164266586304), ('freelibre', 0.3664522171020508), ('pu  
nished', 0.33056384325027466), ('retransmissions', 0.32558557391166687), ('  
learningthere', 0.32282721996307373)]
```

Top 5 similar words from artificial\_intelligence:

```
[('artificial', 0.9344030618667603), ('intelligence', 0.9269408583641052),  
('endowed', 0.8691925406455994), ('neuronsthe', 0.8308650851249695), ('inte  
lligenceartificial', 0.8196060061454773)]
```

Top 5 similar words from artificial\_intelligence\_in\_education:

```
[('excellencethe', 0.3342134952545166), ('sites', 0.3107679486274719), ('o  
pposition', 0.3106492757797241), ('kernels', 0.3103235065937042), ('wellord  
ered', 0.3047821819782257)]
```

Top 5 similar words from augmented\_reality:

[('augmented', 0.9580891132354736), ('virtual\_reality', 0.9121853113174438), ('reality', 0.8734307289123535), ('safety', 0.8500168919563293), ('bitp', 0.8259468078613281)]

Top 5 similar words from automated\_reasoning:

[('unbalanced', 0.8586425185203552), ('theorem', 0.85745769739151), ('smt', 0.8571863174438477), ('deductive', 0.8518013954162598), ('sentiment\_analysis', 0.8467800617218018)]

Top 5 similar words from automatic\_in\_between\_frame\_generation\_from\_hand\_drawn\_sketches:

[('tothrough', 0.38253313302993774), ('compasassigned', 0.2929839491844177), ('receipts', 0.29095399379730225), ('kriesel', 0.28990471363067627), ('xyzin', 0.28610163927078247)]

Top 5 similar words from autonomous\_systems:

[('recommender\_systems', 0.8877851963043213), ('recommender', 0.8691150546073914), ('soabased', 0.8482676148414612), ('distributed\_systems', 0.8383749723434448), ('computervisionbased', 0.8228949308395386)]

Top 5 similar words from big\_data:

[('big', 0.9512881636619568), ('data\_analytics', 0.825596809387207), ('big\_data\_analytics', 0.8139994144439697), ('mining', 0.7971913814544678), ('data\_mining', 0.7956621050834656)]

Top 5 similar words from big\_data\_analytics:

[('data\_analytics', 0.9750339388847351), ('marts', 0.8910792469978333), ('miningdata', 0.8838462829589844), ('snooping', 0.8504055738449097), ('analytics', 0.8489412069320679)]

Top 5 similar words from big\_data\_systems\_and\_applications:

[('loud', 0.3947753310203552), ('waterway', 0.3410598635673523), ('arithmetization', 0.3236198127269745), ('slot', 0.3173811435699463), ('over', 0.31732913851737976)]

Top 5 similar words from bioinformatics:

[('biology', 0.8944442272186279), ('scientific', 0.8692754507064819), ('biomedical', 0.8677663207054138), ('theoretical', 0.864294707775116), ('mathematics', 0.8636995553970337)]

Top 5 similar words from biomedical\_engineering\_related\_research:

[('ph', 0.37396180629730225), ('janssen', 0.3686964809894562), ('academiconly', 0.36835575103759766), ('had', 0.3649769425392151), ('conceptbernerslee', 0.3585914075374603)]

Top 5 similar words from biometric\_cryptography:

[('milan', 0.30641061067581177), ('rangesparallel', 0.29921600222587585), ('reclamation', 0.28561630845069885), ('downsamplingcompressed', 0.2775678038597107), ('osullivan', 0.2734696865081787)]

Top 5 similar words from biometric\_image\_processing:

[('radiopharmaceuticals', 0.33861082792282104), ('affirmed', 0.3122359812259674), ('telegram', 0.3112793564796448), ('patientspecific', 0.30874115228652954), ('cooperationthis', 0.3064456880092621)]

Top 5 similar words from biometric\_security:

[('critical\_information\_infrastructure\_protection', 0.8574116230010986), ('semantic\_grid', 0.8511967658996582), ('madkit', 0.8419215679168701), ('cheminformatics', 0.8384952545166016), ('foundry', 0.835761308670044)]

Top 5 similar words from blockchain\_protocols\_and\_applications:

[('boon', 0.30262911319732666), ('minimality', 0.2987428605556488), ('biomaterial', 0.2949577867984772), ('fractals', 0.28147920966148376), ('ciafunde', 0.27922993898391724)]

Top 5 similar words from brain\_computer\_interface:

[('system-a', 0.8698275089263916), ('bureau-a', 0.8662898540496826), ('resets', 0.80777009320259094), ('computer\_networking', 0.7979515194892883), ('embellished', 0.785843551158905)]

Top 5 similar words from brain\_computer\_interfaces:

[('readymade', 0.7592166662216187), ('simulations', 0.7220062613487244), ('anticipatory', 0.7211894989013672), ('brain\_computer\_interface', 0.7123771905899048), ('computer\_networking', 0.7113654613494873)]

Top 5 similar words from brain\_imaging:

[('systemverilog', 0.9146718382835388), ('bmethod', 0.9073638916015625), ('infedacuk', 0.9046805500984192), ('httpsftpafrinicnetpubstatsafrinic', 0.8946870565414429), ('singleended', 0.893764078617096)]

Top 5 similar words from cad:

[('greybox', 0.919224202632904), ('hybridization', 0.9173545241355896), ('knearest', 0.9148668646812439), ('chemical', 0.9139605760574341), ('multirobot', 0.9134073853492737)]

Top 5 similar words from cagd\_and\_geometric\_modeling:

[('spaceship', 0.36263880133628845), ('connotes', 0.2747375965118408), ('dd', 0.2603629529476166), ('poised', 0.24484997987747192), ('cyborgs', 0.23854291439056396)]

Top 5 similar words from cam:

[('flatness', 0.8557194471359253), ('property', 0.845401406288147), ('partial', 0.8374937772750854), ('displacement', 0.8325759768486023), ('equation', 0.8323056101799011)]

Top 5 similar words from classification\_and\_augmented\_reality:

[('hilary', 0.2789308428764343), ('reviled', 0.2531539797782898), ('cartographer', 0.2420540302991867), ('distributively', 0.2411891520023346), ('conditioninglarger', 0.23601552844047546)]

Top 5 similar words from cloud\_computing:

[('urban\_computing', 0.909372091293335), ('ubiquitous', 0.8846914172172546), ('green\_computing', 0.8598243594169617), ('grid\_computing', 0.8549579381942749), ('grid', 0.8073420524597168)]

Top 5 similar words from cloud\_computing\_and\_data\_centre:

[('many\_core\_systems', 0.31323063373565674), ('existent', 0.2694242298603058), ('mathematical\_analysis', 0.26820486783981323), ('autoresponder', 0.26402363181114197), ('differs', 0.2638667821884155)]

Top 5 similar words from clustered\_ha\_systems:

[('goodpartbadpart', 0.33723270893096924), ('diffeomorphism', 0.3113044202327728), ('engineeroften', 0.3064891993999481), ('multimedia\_communication', 0.2899661958217621), ('isoiecieeee', 0.2883296012878418)]

Top 5 similar words from cognition\_and\_rehabilitation:

[('weblogging', 0.3945593237876892), ('activitystudies', 0.32545167207717896), ('offtopic', 0.310930073261261), ('overfocused', 0.3050737679004669), ('extrema', 0.2988245487213135)]

Top 5 similar words from cognitive\_vision:

[('at', 0.38833481073379517), ('resna', 0.34312212467193604), ('intestines', 0.3360203504562378), ('statue', 0.3294981122016907), ('crosssection', 0.32403236627578735)]

Top 5 similar words from collaborative\_cad\_and\_case\_systems:

[('gifted', 0.2941257059574127), ('pacificvissee', 0.2826405465602875), ('contrarily', 0.2768217623233795), ('selfdirected', 0.26795822381973267), ('combinational', 0.26281553506851196)]

Top 5 similar words from collaborative\_internet\_computing\_technologies\_and\_applications:

[('tf-idf', 0.3792542517185211), ('poisson', 0.30395418405532837), ('service\_and\_cloud\_computing', 0.2912294566631317), ('characterreach', 0.2837975025177002), ('ama', 0.27843958139419556)]

Top 5 similar words from collaborative\_office\_applications:

[('identify', 0.3574755787849426), ('order', 0.34962695837020874), ('condorcet', 0.3469564914703369), ('sapient', 0.3397013247013092), ('restrict', 0.3372134566307068)]

Top 5 similar words from collaborative\_virtual\_environments:

[('detecting', 0.7786272764205933), ('slam', 0.7495561242103577), ('insecurity', 0.7353980541229248), ('searching', 0.7327837347984314), ('tuning', 0.7172379493713379)]

Top 5 similar words from common\_sense\_reasoning:

[('ballots', 0.3058200478553772), ('epigenetics', 0.26307201385498047), ('corese', 0.2431820183992386), ('sociality', 0.23810991644859314), ('habituation', 0.23655587434768677)]

Top 5 similar words from communication\_algorithms:

[('collaborative\_virtual\_environments', 0.36679941415786743), ('aurally', 0.33989888429641724), ('affords', 0.3355344533920288), ('congress', 0.3281858563423157), ('correli', 0.32812216877937317)]

Top 5 similar words from compositional\_verification\_and\_synthesis:

[('creatives', 0.28681430220603943), ('applied\_operations\_research', 0.2698991298675537), ('benedikt', 0.26680582761764526), ('fullyfledged', 0.2656470537185669), ('irresponsible', 0.26352059841156006)]

Top 5 similar words from computational\_airspace\_utilization:

[('edeposit', 0.3723072111606598), ('entailed', 0.35861581563949585), ('fielded', 0.35753822326660156), ('staged', 0.3506510257720947), ('semigroups', 0.34968772530555725)]

Top 5 similar words from computational\_and\_systems\_biology:

[('nonproprietary', 0.41820645332336426), ('systemonachip', 0.41744697093963623), ('voco', 0.41627395153045654), ('macros', 0.41083836555480957), ('microcomputer', 0.3939509987831116)]

Top 5 similar words from computational\_economics:

[('biophysics', 0.9155325889587402), ('scientific\_visualization', 0.9137576818466187), ('anthropology', 0.913468599319458), ('dependability', 0.912578821182251), ('sociology', 0.9093737006187439)]

Top 5 similar words from computational\_intelligence:

[('intelligenceartificial', 0.8409268260002136), ('ambient', 0.8203935623168945), ('lion', 0.8111104369163513), ('neuronsthe', 0.8068040609359741), ('intelligence', 0.8060449957847595)]

Top 5 similar words from computational\_social\_choice:

[('aviation', 0.8783594369888306), ('economics', 0.8690199851989746), ('economic', 0.8687952756881714), ('linguistics', 0.8368972539901733), ('sciences', 0.8285455703735352)]

Top 5 similar words from computational\_social\_science:

[('postmodernism', 0.9447212815284729), ('egocentric', 0.936810314655304), ('frontiers', 0.9305284023284912), ('qua', 0.9266093969345093), ('biomodeling', 0.9263256788253784)]

Top 5 similar words from computational\_systems\_biology:

[('multiagent', 0.8544433116912842), ('cite', 0.8047112226486206), ('conformational', 0.803816556930542), ('challengesrecommender', 0.7988656759262085), ('simulationbased', 0.7924346923828125)]

Top 5 similar words from computer\_animation:

[('computer\_graphics', 0.884156346321106), ('computer\_architecture', 0.8688472509384155), ('animation', 0.8552143573760986), ('chap', 0.8429925441741943), ('art', 0.827934205532074)]

Top 5 similar words from computer\_architecture:

[('computer\_networking', 0.9155803918838501), ('computer\_animation', 0.8688472509384155), ('human\_computer\_interaction', 0.8678026795387268), ('genep', 0.8384602069854736), ('graphicstoday', 0.8374945521354675)]

Top 5 similar words from computer\_graphics:

[('graphics', 0.8948120474815369), ('computer\_animation', 0.884156346321106), ('animation', 0.877955436706543), ('inception', 0.8434652090072632), ('cgi', 0.8213625550270081)]

Top 5 similar words from computer\_networking:

[('computer\_architecture', 0.9155803918838501), ('human\_computer\_interaction', 0.8540621399879456), ('bureau-a', 0.8327088952064514), ('debatedmuch', 0.8255285024642944), ('openshop', 0.8198217153549194)]

Top 5 similar words from computer\_supported\_cooperative\_work:

[('cooperative', 0.9441654682159424), ('englewood', 0.9409587979316711), ('cliffs', 0.9308313131332397), ('computersupported', 0.9265402555465698), ('chap', 0.9225093126296997)]

Top 5 similar words from computer\_vision:

[('vision', 0.8462926149368286), ('computer\_graphics', 0.8152532577514648), ('animation', 0.7948909997940063), ('computer\_architecture', 0.7734531164169312), ('hearing', 0.7700849771499634)]

Top 5 similar words from critical\_information\_infrastructure\_protection:

[('ea', 0.9361741542816162), ('ogc', 0.9359087944030762), ('officer', 0.9260832667350769), ('admission', 0.9217455387115479), ('marculescu', 0.9192712306976318)]

Top 5 similar words from crowdsourcing\_and\_human\_computation:

[('beacons', 0.8280696272850037), ('borehole', 0.8148832321166992), ('soabased', 0.8146278262138367), ('iros', 0.7977011203765869), ('differentiating', 0.784390926361084)]

Top 5 similar words from cryptology:

[('steadystate', 0.9225520491600037), ('veps', 0.9204373359680176), ('discouraged', 0.9165842533111572), ('vincis', 0.9149364233016968), ('hybridization', 0.9143301248550415)]

Top 5 similar words from cultural\_aspects\_of\_human\_media\_interaction:

[('seeks', 0.34026220440864563), ('rubric', 0.33165645599365234), ('repeat', 0.31540101766586304), ('sciencebased', 0.3140913248062134), ('sites', 0.3014325499534607)]

Top 5 similar words from custom\_computing:

[('authoritys', 0.8203455805778503), ('incircuit', 0.787523090839386), ('poke', 0.7847839593887329), ('predictordiscriminator', 0.776814341545105), ('componentwhile', 0.7748675346374512)]

Top 5 similar words from cyber\_physical\_systems:

[('cyberphysical', 0.830161452293396), ('converged', 0.823512077331543), ('documenting', 0.8208869695663452), ('broadcasting', 0.802390456199646), ('borehole', 0.801639974117279)]

Top 5 similar words from cyber\_security:

[('officer', 0.940673828125), ('climate', 0.9342734217643738), ('examines', 0.9308692812919617), ('collaborators', 0.9205347299575806), ('jpairborne', 0.9194554686546326)]

Top 5 similar words from cybermedicine:

[('cryptography', 0.7896736860275269), ('binder', 0.7487357258796692), ('biometrics', 0.7483761310577393), ('susceptible', 0.7467795014381409), ('brothers', 0.7403723001480103)]

Top 5 similar words from data\_analytics:

[('big\_data\_analytics', 0.9750338792800903), ('warehousing', 0.8896253108978271), ('marts', 0.8889796733856201), ('miningdata', 0.8885384798049927), ('warehouse', 0.8723825216293335)]

Top 5 similar words from data\_driven\_algorithmic\_management:

```
[('lively', 0.34090176224708557), ('hajime', 0.32035717368125916), ('networkknearest', 0.3127773702144623), ('minimality', 0.3045894503593445), ('paraphrasing', 0.2907754182815552)]
```

Top 5 similar words from data\_management:

```
[('management', 0.8554774522781372), ('protection', 0.8306005597114563), ('deluge', 0.7982016801834106), ('ddl', 0.7978215217590332), ('data_analytics', 0.7964624166488647)]
```

Top 5 similar words from data\_mining:

```
[('mining', 0.9429469108581543), ('text_mining', 0.9012469053268433), ('web_mining', 0.8325002789497375), ('miningdata', 0.8098518252372742), ('updatingthe', 0.807925820350647)]
```

Top 5 similar words from data\_mining\_large\_scale\_data\_analytics:

```
[('crack', 0.2984693646430969), ('selfbalancing', 0.2867777645587921), ('undervolt', 0.26472988724708557), ('earliestused', 0.2527548670768738), ('extrapolating', 0.2486548274755478)]
```

Top 5 similar words from data\_science:

```
[('placeholder', 0.8103087544441223), ('projectsthe', 0.758119523525238), ('science', 0.749130368232727), ('bachelors', 0.7278501987457275), ('subfield', 0.727307140827179)]
```

Top 5 similar words from data\_stream\_analytics:

```
[('ralph', 0.26095128059387207), ('krichmar', 0.2546953856945038), ('favorin', 0.25164127349853516), ('isscc', 0.23533958196640015), ('basetrim', 0.228956937789917)]
```

Top 5 similar words from databases:

```
[('ontologies', 0.8600901365280151), ('analyzing', 0.8564319610595703), ('datasets', 0.8323456048965454), ('nonuseful', 0.8286334872245789), ('sharing', 0.8177169561386108)]
```

Top 5 similar words from deep\_learning:

```
[('deep', 0.955036997795105), ('reinforcement_learning', 0.8317567706108093), ('reinforcement', 0.8315070271492004), ('multilinear', 0.8083500266075134), ('transfer_learning', 0.8024572134017944)]
```

Top 5 similar words from digital\_dynamic\_visualization:

```
[('nonconfidential', 0.42605993151664734), ('minimisation', 0.4023975133895874), ('elects', 0.389320433139801), ('singleinstruction', 0.3858491778373718), ('lowbandwidth', 0.3729267716407776)]
```

Top 5 similar words from digital\_libraries:



[('signatures', 0.9321972131729126), ('carving', 0.9217841625213623), ('cod  
ecs', 0.9064342975616455), ('stereomultiview', 0.9063026905059814), ('io',  
0.9039134979248047)]

Top 5 similar words from digital\_signal\_processing:

[('image\_processing', 0.9146360754966736), ('analog', 0.869949460029602),  
('digital\_libraries', 0.8628764152526855), ('dsp', 0.851875364780426), ('we  
bliography', 0.8367836475372314)]

Top 5 similar words from discrete\_math:

[('defending', 0.36244118213653564), ('nvidias', 0.34410762786865234), ('pr  
oductiveas', 0.3097062408924103), ('cannibalize', 0.30390822887420654), ('f  
c', 0.3007013499736786)]

Top 5 similar words from distributed\_and\_network\_systems:

[('communicatory', 0.3140890300273895), ('benedikt', 0.29650068283081055),  
('condorcet', 0.26756590604782104), ('pestle', 0.2592850923538208), ('wildl  
y', 0.25827357172966003)]

Top 5 similar words from distributed\_graph\_computing:

[('affordability', 0.344169020652771), ('dbc', 0.34337472915649414), ('sold  
microsoft', 0.3392890691757202), ('ph', 0.3369864225387573), ('completedin  
, 0.3332611918449402)]

Top 5 similar words from distributed\_machine\_learning:

[('highvoltage', 0.2777617573738098), ('selfaware', 0.2564604878425598), ('  
redistributed', 0.2528531551361084), ('clergy', 0.2527692914009094), ('batt  
erypowered', 0.24516603350639343)]

Top 5 similar words from distributed\_systems:

[('recommender\_systems', 0.9183744788169861), ('recommender', 0.89784765243  
53027), ('cyberphysical', 0.8563259840011597), ('multiagent', 0.85317039489  
74609), ('dai', 0.8458008766174316)]

Top 5 similar words from distributed\_systems\_security:

[('embedded\_real\_time\_system\_verification\_and\_synthesis', 0.329780995845794  
7), ('prosopagnosic', 0.3037235736846924), ('interrater', 0.2641581594944),  
('pb', 0.2575418949127197), ('krichmar', 0.2518957853317261)]

Top 5 similar words from distributed\_virtual\_environments:

[('interactive\_sentient\_environments', 0.27545416355133057), ('stagnated',  
0.25394049286842346), ('idaho', 0.2506938576698303), ('skins', 0.2488147020  
3399658), ('else—they', 0.24690648913383484)]

Top 5 similar words from document\_information\_mining:

[('maozhen', 0.29031556844711304), ('wirth', 0.2894677519798279), ('entertainmentremote', 0.28020113706588745), ('fry', 0.2784830927848816), ('hyperintelligence', 0.27503785490989685)]

Top 5 similar words from economics\_modeling\_of\_wireless\_communications\_and\_networking:

[('programas', 0.25697052478790283), ('shape\_modelling', 0.25038912892341614), ('nonmonotonous', 0.2466520518064499), ('semantic\_transcoding\_of\_video\_streams', 0.24620287120342255), ('self\_organization', 0.23176218569278717)]

Top 5 similar words from electronic\_network\_on\_chip:

[('neurophilosophy', 0.30564332008361816), ('paff', 0.27356696128845215), ('docomputer', 0.26662296056747437), ('intelligencesince', 0.2661023437976837), ('synonymsemploying', 0.2616979777812958)]

Top 5 similar words from embedded\_and\_real\_time\_systems:

[('mindbody', 0.3434799313545227), ('ism', 0.30044469237327576), ('outeract ion', 0.28201207518577576), ('biometric\_image\_processing', 0.2664881646633148), ('inocdba', 0.26259645819664)]

Top 5 similar words from embedded\_real\_time\_system\_verification\_and\_synthesis is:

[('sniffing', 0.3395553231239319), ('distributed\_systems\_security', 0.3297809958457947), ('innovega', 0.3118849992752075), ('appliessee', 0.2999303340911865), ('extrastriate', 0.29382455348968506)]

Top 5 similar words from embedded\_signal\_conversion\_and\_signal\_processing:

[('dividedturing', 0.32454532384872437), ('fdna', 0.29166504740715027), ('0sanother', 0.28898531198501587), ('estimationthe', 0.2884223461151123), ('montaner', 0.28194743394851685)]

Top 5 similar words from embedded\_systems:

[('embedded', 0.9141149520874023), ('recommender\_systems', 0.8880214095115662), ('automobiles', 0.8610830307006836), ('recommender', 0.8542749881744385), ('ar', 0.8240212202072144)]

Top 5 similar words from embedded\_vision:

[('ead', 0.3529699444770813), ('blowup', 0.3504596948623657), ('backprojection', 0.34396761655807495), ('comsoc', 0.34200847148895264), ('detracts', 0.33522969484329224)]

Top 5 similar words from embedded\_vision\_system:

[('attendant', 0.3237861096858978), ('bingcomin', 0.30075740814208984), ('behalf', 0.29055118560791016), ('timetested', 0.2875392735004425), ('innovating', 0.28244543075561523)]

Top 5 similar words from emerging\_technologies:

[('converging', 0.9159219861030579), ('foresight', 0.9134805202484131), ('emerging', 0.9098082780838013), ('nursing', 0.9038753509521484), ('annals', 0.9019275903701782)]

Top 5 similar words from enterprise\_architecture:

[('conceptual', 0.9452884197235107), ('feapo', 0.9426319599151611), ('cii', 0.9209206104278564), ('crypto', 0.9202489852905273), ('governance', 0.9197075366973877)]

Top 5 similar words from enterprise\_blockchain\_applications:

[('springerrelated', 0.2753765881061554), ('00many', 0.2740829288959503), ('modding', 0.26588523387908936), ('screenar', 0.2627371847629547), ('untraceable', 0.2573806047439575)]

Top 5 similar words from enterprise\_mobility\_platform:

[('real\_time\_and\_embedded\_systems', 0.329464852809906), ('medical\_imaging\_image\_compression', 0.3043578863143921), ('data\_driven\_algorithmic\_management', 0.2900490164756775), ('orthogonal\_frequency\_division\_multiplexing', 0.24029165506362915), ('hyperintelligent', 0.23857076466083527)]

Top 5 similar words from entertainment\_and\_mobile\_computing:

[('web\_and\_internet', 0.30183255672454834), ('overhyped', 0.28130650520324707), ('0nine', 0.27273494005203247), ('gort', 0.2654898762702942), ('winning', 0.2625221610069275)]

Top 5 similar words from ethically\_aligned\_intelligent\_decision\_support:

[('saliva', 0.3431755304336548), ('honors', 0.33295994997024536), ('obsolescence', 0.3277430832386017), ('erdős-ko-rado', 0.32726556062698364), ('resonances', 0.3230246901512146)]

Top 5 similar words from evolutionary\_optimization:

[('localization', 0.9450712203979492), ('zambia', 0.9419785737991333), ('spectroscopy', 0.9415206909179688), ('dicitur', 0.9402772188186646), ('professions', 0.9382467865943909)]

Top 5 similar words from evolving\_and\_adaptive\_systems:

[('operating', 0.373549222946167), ('reinventing', 0.37024879455566406), ('reconfigurability', 0.3701852560043335), ('applicationdependent', 0.36759090423583984), ('autonomous\_systems', 0.35725468397140503)]

Top 5 similar words from formal\_methods:

[('mandates', 0.8500990867614746), ('mathematicsformal', 0.8415511846542358), ('automated\_reasoning', 0.841110110282898), ('mannerother', 0.8301535844802856), ('supplementation', 0.8293548822402954)]

Top 5 similar words from fuzzy\_machine\_learning:

```
[('postdoctoral', 0.40768224000930786), ('diverted', 0.3848075270652771),  
(('better', 0.38126951456069946), ('preferenceaware', 0.33619746565818787),  
(('web_and_internet', 0.3361350893974304))]
```

Top 5 similar words from fuzzy\_neural\_systems:

```
[('failfast', 0.3588452935218811), ('legally', 0.3554961681365967), ('icon',  
, 0.3470815122127533), ('ng', 0.3381592631340027), ('critical', 0.3366943  
597793579)]
```

Top 5 similar words from game\_theory:

```
[('adjustment', 0.8452122807502747), ('physiognomy', 0.8291839957237244),  
(('automata', 0.8206247091293335), ('anthropologyin', 0.8197635412216187),  
(('feminist', 0.8175079226493835))]
```

Top 5 similar words from geometric\_modeling:

```
[('geometric', 0.924045205116272), ('glossary', 0.9016245603561401), ('c++',  
, 0.8890719413757324), ('geometry', 0.8775603771209717), ('python', 0.8740  
991353988647)]
```

Top 5 similar words from geospatial\_textual\_and\_mobility\_data\_management:

```
[('cryptoshredding', 0.34772568941116333), ('citieswithin', 0.3125316202640  
5334), ('symbology', 0.2911025285720825), ('refocusing', 0.270502030849456  
8), ('visions', 0.2694375514984131)]
```

Top 5 similar words from graph\_based\_search:

```
[('rootthis', 0.4102822542190552), ('take', 0.38387158513069153), ('reroute',  
, 0.3708218038082123), ('produce', 0.36100903153419495), ('proportionate',  
0.3585231304168701)]
```

Top 5 similar words from graphical\_models:

```
[('phrenology', 0.8689788579940796), ('functionalist', 0.8656744956970215),  
(('agentbased', 0.8650100231170654), ('connectomics', 0.8595545291900635),  
(('memms', 0.8519212007522583))]
```

Top 5 similar words from graphs\_querying\_and\_mining:

```
[('oxen', 0.3320469260215759), ('selfgenerated', 0.30965787172317505), ('0k  
bits', 0.2913658022880554), ('infitecspecial', 0.2886504828929901), ('appli  
cation_specific_processors', 0.287463903427124)]
```

Top 5 similar words from green\_computing:

```
[('grid_computing', 0.945736825466156), ('green', 0.9366703033447266), ('hi  
ghperformance', 0.9277092218399048), ('penguin', 0.9242587089538574), ('urb  
an_computing', 0.9210605025291443)]
```

Top 5 similar words from grid\_computing:

[('urban\_computing', 0.9508137702941895), ('green\_computing', 0.9457367658615112), ('green', 0.9228156805038452), ('volunteer', 0.9212431907653809), ('semantic\_grid', 0.920062780380249)]

Top 5 similar words from hardware\_accelerators:

[('imaging', 0.7247475981712341), ('pelican', 0.7156821489334106), ('interactive', 0.6935639381408691), ('baseband', 0.6899969577789307), ('blinnphong', 0.6860914826393127)]

Top 5 similar words from heterogeneous\_and\_reconfigurable\_systems:

[('snyder', 0.4035826325416565), ('breaths', 0.40010911226272583), ('realisticsounding', 0.3983584940433502), ('mabs', 0.3939754366874695), ('computer\_sonachip', 0.3893110752105713)]

Top 5 similar words from heterogeneous\_mpsoc:

[('nonexhaustive', 0.3265615403652191), ('hardware+os', 0.3051080107688904), ('subdomain', 0.29751497507095337), ('sophia', 0.28570377826690674), ('high\_speed\_arithmetic\_units', 0.2754049003124237)]

Top 5 similar words from high\_level\_synthesis:

[('pinging', 0.7737741470336914), ('enjoyment', 0.7043737173080444), ('signalflow', 0.7040586471557617), ('cloudbased', 0.702082097530365), ('system\_level\_design', 0.695895791053772)]

Top 5 similar words from high\_performance\_computing:

[('green\_computing', 0.8098539113998413), ('cassandra', 0.7917729020118713), ('grid\_computing', 0.7899056673049927), ('nto', 0.7881224155426025), ('chrec', 0.7839205265045166)]

Top 5 similar words from high\_speed\_arithmetic\_units:

[('visual\_intelligence', 0.3511959910392761), ('statusthe', 0.3274657428264618), ('delineated', 0.2975095808506012), ('thinktank', 0.2913569211959839), ('individualistic', 0.28966253995895386)]

Top 5 similar words from human\_computer\_interaction:

[('computer\_supported\_cooperative\_work', 0.8776549696922302), ('likens', 0.8741795420646667), ('computer\_architecture', 0.8678026795387268), ('englewood', 0.8586832284927368), ('computer\_networking', 0.8540621399879456)]

Top 5 similar words from human\_computer\_interaction\_technology:

[('luckey', 0.3853093087673187), ('coursein', 0.364671528339386), ('ntriple s', 0.3583400249481201), ('msdos', 0.3496520519256592), ('humanreadability', 0.3453507125377655)]

Top 5 similar words from human\_robot\_interaction:

[('minority', 0.3609282374382019), ('symantec', 0.3402952253818512), ('had', 0.33694714307785034), ('ioannidis', 0.3260361850261688), ('miningspecific', 0.3174894452095032)]

Top 5 similar words from image\_analysis\_and\_processing:

[('largegrids', 0.30227571725845337), ('humancompetitive', 0.2766779959201813), ('kserver', 0.27656394243240356), ('observesrules', 0.2431148886680603), ('entertainmentremote', 0.24095822870731354)]

Top 5 similar words from image\_and\_video\_analytics:

[('enablers', 0.8132960200309753), ('conferencing', 0.8077802658081055), ('sidescan', 0.805347204208374), ('conservation', 0.8001534342765808), ('crossovers', 0.7983471155166626)]

Top 5 similar words from image\_coding:

[('opencourseware', 0.8972647190093994), ('kolff', 0.8933302164077759), ('verbeek', 0.88816899061203), ('restorationminimum', 0.8875969648361206), ('wolfram', 0.8842184543609619)]

Top 5 similar words from image\_compression:

[('processingthe', 0.9006206393241882), ('motioncompensated', 0.8773778080940247), ('stitching', 0.8700451850891113), ('interpolation', 0.8698168992996216), ('image\_processing', 0.8621888756752014)]

Top 5 similar words from image\_processing:

[('digital\_signal\_processing', 0.9146360158920288), ('image\_compression', 0.8621888160705566), ('natural\_language\_processing', 0.8332095146179199), ('mdsp', 0.8315379619598389), ('equalization', 0.8222684860229492)]

Top 5 similar words from image\_sequence\_analysis\_with\_applications\_to\_digital\_film\_effects:

[('functionalism', 0.2623005509376526), ('zeroadministration', 0.2566354274749756), ('photoelectric', 0.25425148010253906), ('somebodyedge', 0.2538631558418274), ('lowslung', 0.25173676013946533)]

Top 5 similar words from incentive\_mechanism:

[('shelly', 0.26214876770973206), ('electrolyte', 0.2620030641555786), ('wintel', 0.2596897482872009), ('thistle', 0.2537454664707184), ('pressman', 0.24599957466125488)]

Top 5 similar words from infocomm\_security:

[('runaway', 0.328718900680542), ('sequences-as', 0.2716481387615204), ('walkthrough', 0.2394493222366333), ('djd1', 0.22365950047969818), ('alison', 0.21620765328407288)]

Top 5 similar words from information\_retrieval:

[('retrieval', 0.9675753712654114), ('multimedia\_information\_retrieval', 0.9466676712036133), ('warehousing', 0.8723875880241394), ('uima', 0.8703069090843201), ('logistics', 0.8423686027526855)]

Top 5 similar words from intelligent\_\_e-commerce:

[('marquette', 0.39929693937301636), ('helsinki', 0.35844022035598755), ('probabilityin', 0.3323912024497986), ('jürgen', 0.330333411693573), ('stubble', 0.3300367593765259)]

Top 5 similar words from intelligent\_agents:

[('agents', 0.87159264087677), ('intelligent', 0.8567400574684143), ('reflex', 0.8053381443023682), ('semistandalone', 0.7911050319671631), ('navigatoirstyle', 0.790096640586853)]

Top 5 similar words from intelligent\_control:

[('agent', 0.7111527919769287), ('tool', 0.6467780470848083), ('logic', 0.6261110305786133), ('method', 0.6200951337814331), ('problems', 0.6094866394996643)]

Top 5 similar words from intelligent\_multi\_agents:

[('retransmit', 0.3312113881111145), ('enact', 0.32675644755363464), ('prioritizes', 0.32313525676727295), ('technologiesthe', 0.31984490156173706), ('shoulder', 0.3140256404876709)]

Top 5 similar words from intelligent\_projector\_presentation\_systems:

[('truncating', 0.3248482048511505), ('revisited', 0.32220542430877686), ('social\_artificial\_intelligence', 0.3217983841896057), ('interrupting', 0.3054971694946289), ('redistributed', 0.2883348762989044)]

Top 5 similar words from intelligent\_techniques:

[('profits', 0.6495992541313171), ('longlasting', 0.5999866724014282), ('obeying', 0.58067786693573), ('for', 0.579630970954895), ('tasksagent', 0.5794157981872559)]

Top 5 similar words from intention\_awareness:

[('pockets', 0.31938356161117554), ('wintel', 0.2829877436161041), ('robustness', 0.2711402475833893), ('handoff', 0.26733776926994324), ('accord', 0.2591238021850586)]

Top 5 similar words from interaction\_design\_of\_ai\_agents\_and\_systems:

[('larmor', 0.33412647247314453), ('knownplaintext', 0.29547953605651855), ('seated', 0.28708523511886597), ('nonalgorithmic', 0.28386688232421875), ('networked\_systems', 0.280197411775589)]

Top 5 similar words from interactive\_multimedia:

[('julia', 0.8595269322395325), ('hadoop', 0.8553338050842285), ('package', 0.8539851307868958), ('suite', 0.8468719720840454), ('sql', 0.8457552194595337)]

Top 5 similar words from interactive\_sentient\_environments:

[('threefactor', 0.33438539505004883), ('africanamerican', 0.296939492225647), ('hyperoptsklearn', 0.29136183857917786), ('systemmooc', 0.2807726263999939), ('distributed\_virtual\_environments', 0.27545416355133057)]

Top 5 similar words from interactive\_systems:

[('multirobot', 0.9269109964370728), ('altiostar', 0.9148101806640625), ('borehole', 0.9133262634277344), ('cortana', 0.9131201505661011), ('vixs', 0.9069732427597046)]

Top 5 similar words from internet\_of\_things:

[('things', 0.8886634111404419), ('passage', 0.8707726001739502), ('syngress', 0.850253164768219), ('internet', 0.8404788970947266), ('informationsensing', 0.8220117092132568)]

Top 5 similar words from low\_power\_reconfigurable\_computing:

[('deprojection', 0.2953302264213562), ('neumaier', 0.2946769595146179), ('sighted', 0.2914729714393616), ('delineated', 0.2870476543903351), ('imminence', 0.2758880853652954)]

Top 5 similar words from machine\_learning:

[('incremental', 0.8420218229293823), ('lisp', 0.8209346532821655), ('translation', 0.7922764420509338), ('post-turing', 0.7769761085510254), ('gnmt', 0.7682470083236694)]

Top 5 similar words from machine\_learning\_and\_knowledge\_discovery:

[('forums-gives', 0.3317234516143799), ('formative', 0.29840439558029175), ('affiliation', 0.29487890005111694), ('intelligent\_multi\_agents', 0.2854902744293213), ('selfcensor', 0.27139443159103394)]

Top 5 similar words from many\_core\_systems:

[('offchip', 0.3738918602466583), ('very', 0.36677253246307373), ('convoys', 0.3656865656375885), ('untrue', 0.35864266753196716), ('shields', 0.3558112680912018)]

Top 5 similar words from mas:

[('marketplace', 0.859429121017456), ('immersion', 0.8450913429260254), ('rapid', 0.8437901735305786), ('niche', 0.8434119820594788), ('todays', 0.8340806365013123)]

Top 5 similar words from mathematical\_analysis:



[('rigorous', 0.8858458995819092), ('textual', 0.8539844751358032), ('lint', 0.8411303758621216), ('sentiment\_analysis', 0.8397179841995239), ('scientific\_visualization', 0.8331941962242126)]

Top 5 similar words from medical\_image\_processing\_lesion\_identification:

[('exceed', 0.3800452947616577), ('00000fold', 0.36875486373901367), ('distortions', 0.3535904288291931), ('provisioned', 0.3472231328487396), ('immovable', 0.3418848514556885)]

Top 5 similar words from medical\_imaging\_image\_compression:

[('resourcerich', 0.30709409713745117), ('enterprise\_mobility\_platform', 0.3043578863143921), ('techniquesaugmented', 0.2991717755794525), ('engineeroften', 0.294792115688324), ('carmena', 0.29415398836135864)]

Top 5 similar words from medical\_informatics:

[('federation', 0.943594217300415), ('quarterly', 0.9403610229492188), ('imbia', 0.9336487054824829), ('organisation', 0.9311802387237549), ('foresight', 0.9293659925460815)]

Top 5 similar words from medical\_visualization:

[('astrophysical', 0.9598157405853271), ('spi', 0.9473856687545776), ('ssc', 0.9424906969070435), ('insitu', 0.9420467615127563), ('parking', 0.9390900135040283)]

Top 5 similar words from memetic\_computing:

[('memetic', 0.9069231152534485), ('pervasive', 0.8768305778503418), ('green\_computing', 0.8650220632553101), ('reconfigurable', 0.8634485006332397), ('highperformance', 0.8618800640106201)]

Top 5 similar words from mining\_social\_networks\_and\_social\_media:

[('pockets', 0.28403717279434204), ('rebundling', 0.27839305996894836), ('medical\_imaging\_image\_compression', 0.27766865491867065), ('referrals', 0.27488988637924194), ('comprehensible', 0.26641035079956055)]

Top 5 similar words from mobile\_and\_pervasive\_computing:

[('naur', 0.31991779804229736), ('reuses', 0.3034636676311493), ('paved', 0.3003673255443573), ('minimallytomoderate', 0.29503709077835083), ('standardsizes', 0.2878968119621277)]

Top 5 similar words from model\_based\_coding:

[('flour', 0.39405006170272827), ('surgeries', 0.3797207176685333), ('quadrant', 0.3439030945301056), ('forgotten', 0.34342294931411743), ('tahoe', 0.33323967456817627)]

Top 5 similar words from model\_checking:

[('checking', 0.9783286452293396), ('checker', 0.8976826071739197), ('where in', 0.897312581539154), ('pat', 0.8926644325256348), ('simulator', 0.8890607357025146)]

Top 5 similar words from modelling\_of\_manipulative\_interaction:

[('deblurring', 0.35589444637298584), ('adroitness', 0.3235274851322174), ('hollowmask', 0.3127819299697876), ('deputy', 0.30054402351379395), ('byte code', 0.2986062169075012)]

Top 5 similar words from modulation\_and\_multiple\_access:

[('onebit', 0.3321346044540405), ('sequences-as', 0.2873084545135498), ('contingencies', 0.28174060583114624), ('techniquesaugmented', 0.28013497591018677), ('bindings', 0.2800769507884979)]

Top 5 similar words from multi\_agent\_system:

[('compas', 0.7586130499839783), ('pharmacological', 0.7459278702735901), ('gen', 0.735741138458252), ('télécom', 0.7346832156181335), ('dps', 0.730952799320221)]

Top 5 similar words from multi\_agent\_systems:

[('uncomfortable', 0.27379828691482544), ('fe', 0.2647722363471985), ('disagreement', 0.2626430094242096), ('walthers', 0.24600264430046082), ('revised', 0.2438969910144806)]

Top 5 similar words from multi\_modal\_biometrics\_in\_homeland\_security:

[('reactivity', 0.3787716329097748), ('immature', 0.3707576394081116), ('systemone', 0.36818328499794006), ('comsoc', 0.3604555130004883), ('leftrear', 0.35928964614868164)]

Top 5 similar words from multimedia:

[('biologicals', 0.7749311923980713), ('analytics', 0.7593097686767578), ('bioinformatics', 0.7548207640647888), ('engineering', 0.7510329484939575), ('wavelets', 0.7507016658782959)]

Top 5 similar words from multimedia\_adaptation:

[('moneystream', 0.3400001525878906), ('janeway', 0.3327754735946655), ('tefsation', 0.3231511116027832), ('kasisto', 0.3211095631122589), ('zaml', 0.3203476369380951)]

Top 5 similar words from multimedia\_analysis:

[('aka', 0.9298213720321655), ('dna', 0.9270628690719604), ('highpass', 0.924024224281311), ('compensation', 0.919427752494812), ('interframe', 0.918927013874054)]

Top 5 similar words from multimedia\_annotation:

[('bluecollar', 0.3174203038215637), ('internet"', 0.2857387363910675), ('computationalternatively', 0.2758942246437073), ('activitystudies', 0.2736148238182068), ('jpip', 0.2539582848548889)]

Top 5 similar words from multimedia\_communication:

[('berg', 0.3190469741821289), ('deathregardless', 0.29801705479621887), ('sso', 0.2947365641593933), ('humanreadability', 0.29166632890701294), ('clustered\_ha\_systems', 0.2899662256240845)]

Top 5 similar words from multimedia\_computing\_and\_networking:

[('dexterity', 0.34303224086761475), ('nonsymmetric', 0.2919594347476959), ('collectionin', 0.28714412450790405), ('rolland', 0.283023476600647), ('uc tv', 0.2783834934234619)]

Top 5 similar words from multimedia\_information\_retrieval:

[('information\_retrieval', 0.9466676712036133), ('retrieval', 0.9120898246765137), ('uima', 0.8806403875350952), ('organizing', 0.8659387230873108), ('querying', 0.8461645841598511)]

Top 5 similar words from multimedia\_networking:

[('carerelated', 0.32322290539741516), ('batching', 0.2754402458667755), ('chartin', 0.2633157968521118), ('internetoverlay', 0.2556840479373932), ('uniprocessors', 0.24922534823417664)]

Top 5 similar words from multimedia\_processing:

[('mechanic', 0.3445870280265808), ('workarounds', 0.29401445388793945), ('formantsynthesized', 0.28209686279296875), ('someday', 0.28175145387649536), ('biasalgorithms', 0.2810268998146057)]

Top 5 similar words from multimedia\_signal\_processing:

[('st=sat=a', 0.34198105335235596), ('oneat', 0.33345189690589905), ('00kwh', 0.32531845569610596), ('nonempty', 0.3236238658428192), ('ownedby', 0.3228015601634979)]

Top 5 similar words from multimedia\_transmission:

[('bottom-an', 0.35917964577674866), ('concernsmany', 0.3110133707523346), ('minors', 0.2946120798587799), ('hijack', 0.28933629393577576), ('layering', 0.2889292240142822)]

Top 5 similar words from multimedia\_understanding\_for\_information\_management:

[('pfsense', 0.28245842456817627), ('pokey', 0.28142982721328735), ('speedstep', 0.26287394762039185), ('desiredat', 0.2601163387298584), ('seed', 0.2587667405605316)]

Top 5 similar words from multimodal\_and\_natural\_interfaces:

```
[('doomed', 0.369202584028244), ('antithetical', 0.32703113555908203), ('sh  
apesan', 0.3257594108581543), ('video_processing_computer_vision', 0.323978  
5134792328), ('as', 0.3215394616127014)]
```

Top 5 similar words from multimodality\_data\_fusion\_for\_multimedia\_storage\_and\_retrieval:

```
[('outputthe', 0.3218516707420349), ('ama', 0.30862921476364136), ('epidemi  
ological', 0.3045872449874878), ('orthopedic', 0.29737091064453125), ('nle  
, 0.29510846734046936)]
```

Top 5 similar words from natural\_language\_processing:

```
[('nlp', 0.8511532545089722), ('rice', 0.8479230403900146), ('opennn', 0.84  
18077230453491), ('natural', 0.8380972146987915), ('jsoniq', 0.836030125617  
981)]
```

Top 5 similar words from navigation\_and\_route\_planning\_systems:

```
[('primetime', 0.3430856466293335), ('emmy', 0.34121018648147583), ('infras  
tructureasaservice', 0.32335737347602844), ('srightarrow', 0.31818678975105  
286), ('notetaking', 0.307712197303772)]
```

Top 5 similar words from network\_modeling\_and\_performance\_evaluation:

```
[('michaelis', 0.3318050503730774), ('continuations', 0.3074943721294403),  
(('interfacesthe', 0.3054053783416748), ('visual_intelligence', 0.2995683848  
8578796), ('workplaces', 0.2944977581501007)]
```

Top 5 similar words from network\_performance\_analysis:

```
[('unfathomableray', 0.37269699573516846), ('channela', 0.287549883127212  
5), ('debrisstarting', 0.28316330909729004), ('replicable', 0.2802595496177  
6733), ('sunzis', 0.2557746469974518)]
```

Top 5 similar words from network\_security:

```
[('angus', 0.888225793838501), ('resilient', 0.8411321640014648), ('climate  
, 0.8313669562339783), ('rfprotect', 0.8277404308319092), ('packetswitched  
, 0.8223758339881897)]
```

Top 5 similar words from networked\_systems:

```
[('truncated', 0.3711525797843933), ('enumerating', 0.35342928767204285),  
(('customlines', 0.34961700439453125), ('single', 0.344011515378952), ('škod  
a', 0.3424953818321228)]
```

Top 5 similar words from neural\_engineering:

```
[('aprilmay', 0.935053825378418), ('embs', 0.9067100286483765), ('neuroengi  
neering', 0.8957110047340393), ('molecular', 0.8825684189796448), ('neurosc  
ience', 0.8714439868927002)]
```

Top 5 similar words from neural\_networks:

```
[('feedforward', 0.9265184998512268), ('neural', 0.9218202829360962), ('multilayer', 0.8968177437782288), ('wireless_sensor_networks', 0.8848016262054443), ('nets', 0.8742400407791138)]
```

Top 5 similar words from noise\_reduction:

```
[('fractional', 0.9219393730163574), ('oql', 0.9190651178359985), ('steepest', 0.9149993658065796), ('removing', 0.9103980660438538), ('tractability', 0.9080207347869873)]
```

Top 5 similar words from number\_theory:

```
[('analytic', 0.8806442022323608), ('spectral_graph_theory', 0.8723324537277222), ('combinatorics', 0.8438688516616821), ('elementary', 0.8385273218154907), ('algebraic', 0.8333311080932617)]
```

Top 5 similar words from object\_recognition:

```
[('ocr', 0.8997092247009277), ('mnist', 0.8691830635070801), ('character', 0.8675656318664551), ('servoing', 0.852059006690979), ('facial', 0.8517974615097046)]
```

Top 5 similar words from ontology\_support\_for\_multimedia\_semantic\_web:

```
[('farmed', 0.3078315258026123), ('notify', 0.27890515327453613), ('spindles', 0.2781888246536255), ('misunderstood', 0.2762298285961151), ('dspspecific', 0.26115474104881287)]
```

Top 5 similar words from optical\_metrology\_and\_fringe\_processing:

```
[('intractable', 0.3265025019645691), ('departures', 0.31767529249191284), ('excluded', 0.31103381514549255), ('semiprimes', 0.31044507026672363), ('sizea', 0.3089419901371002)]
```

Top 5 similar words from optimization:

```
[('probabilistic', 0.8789368867874146), ('computation', 0.8538073897361755), ('evolutionary', 0.8515685796737671), ('reasoning', 0.8388501405715942), ('genetic', 0.8254175782203674)]
```

Top 5 similar words from overlay\_networks:

```
[('hoc', 0.8813788890838623), ('selfhealing', 0.8682832717895508), ('swns', 0.8528692126274109), ('wireless_sensor_networks', 0.8513784408569336), ('ad', 0.8465814590454102)]
```

Top 5 similar words from parallel\_algorithms\_and\_architectures:

```
[('empathizing', 0.27593451738357544), ('distributively', 0.27541235089302063), ('bytecode', 0.2734878361225128), ('machinima', 0.2565673291683197), ('pdmedm', 0.2504398822784424)]
```

Top 5 similar words from parallel\_and\_distributed\_simulation:

[('carries', 0.3945414423942566), ('spins', 0.39428189396858215), ('perception', 0.3904884457588196), ('deformable', 0.38892799615859985), ('chunking', 0.37479910254478455)]

Top 5 similar words from pattern\_recognition:

[('pattern', 0.9076753854751587), ('recognition', 0.9007797241210938), ('speech', 0.867362380027771), ('geometric\_modeling', 0.8319840431213379), ('geometry', 0.8226810693740845)]

Top 5 similar words from perceptual\_visual\_quality\_gauging:

[('coachdoor', 0.4008565843105316), ('schilit', 0.38172033429145813), ('computerex', 0.3805006146430969), ('secrete', 0.3741915225982666), ('submerge', 0.37065982818603516)]

Top 5 similar words from personalization:

[('biodiversity', 0.9151428937911987), ('rdf', 0.912460446357727), ('simultaneous', 0.9103938341140747), ('taxonomies', 0.9023309946060181), ('rdfs', 0.9001397490501404)]

Top 5 similar words from pervasive\_computing:

[('pervasive', 0.9118257761001587), ('castells', 0.8994507789611816), ('grid\_computing', 0.8942629098892212), ('jaric', 0.8861038684844971), ('nyus', 0.8812915682792664)]

Top 5 similar words from photonic\_network\_on\_chip:

[('extensions-that', 0.3115224838256836), ('voicechat', 0.30864787101745605), ('cyphertexts', 0.301675409078598), ('human\_computer\_interaction\_technology', 0.2920781373977661), ('paritycheck', 0.2866092026233673)]

Top 5 similar words from privacy\_preserving\_machine\_learning:

[('blocksometimes', 0.3508766293525696), ('"pruned"', 0.3320331275463104), ('branchandbound', 0.32111483812332153), ('guessed', 0.31189751625061035), ('headsetcameras', 0.30553746223449707)]

Top 5 similar words from probabilistic\_inference:

[('structured', 0.8073906898498535), ('stack', 0.7749004364013672), ('summary', 0.7614991664886475), ('sort', 0.761323869228363), ('overlay', 0.7580653429031372)]

Top 5 similar words from program\_analysis:

[('ceab', 0.8139576315879822), ('ethanes', 0.8062264919281006), ('calculi', 0.7848840355873108), ('counterpoint', 0.7840232849121094), ('knife', 0.7828403115272522)]

Top 5 similar words from program\_verification\_and\_synthesis:

[('practical', 0.36519670486450195), ('commonsenses', 0.3599769175052643), ('transcendent', 0.35064348578453064), ('handson', 0.333296000957489), ('ht tpsoauth', 0.3258959949016571)]

Top 5 similar words from programming\_environments\_and\_tools:

[('cognition\_and\_rehabilitation', 0.27861741185188293), ('actualized', 0.2627565860748291), ('nodeswireless', 0.23713883757591248), ('affectivity', 0.22408345341682434), ('wikibooks', 0.2190992832183838)]

Top 5 similar words from public\_key\_algorithms:

[('ipaas', 0.802844762802124), ('structuring', 0.7987383008003235), ('coveragesoftware', 0.7972890138626099), ('maptopographic', 0.7936109304428101), ('autoimmune', 0.7919176816940308)]

Top 5 similar words from quality\_of\_service:

[('quality', 0.8599064350128174), ('qos', 0.8594797253608704), ('passage', 0.8555557727813721), ('transmission', 0.8520088195800781), ('energy', 0.8472533226013184)]

Top 5 similar words from radio\_resource\_management:

[('femtocells', 0.9176205396652222), ('enterprise\_architecture', 0.9159069657325745), ('trust\_management', 0.9152401685714722), ('workflow', 0.9134014248847961), ('governance', 0.9119527339935303)]

Top 5 similar words from real\_time\_and\_embedded\_systems:

[('completedin', 0.3442477881908417), ('replicates', 0.335243821144104), ('enterprise\_mobility\_platform', 0.329464852809906), ('wintel', 0.32549336552619934), ('continuouswave', 0.31766921281814575)]

Top 5 similar words from real\_time\_systems:

[('costefficient', 0.30488699674606323), ('unlawful', 0.303345650434494), ('worksanother', 0.3015558123588562), ('osullivan', 0.3010794520378113), ('propose', 0.2987736463546753)]

Top 5 similar words from recommender\_systems:

[('recommender', 0.9715109467506409), ('distributed\_systems', 0.9183744192123413), ('cyberphysical', 0.9116929769515991), ('warning', 0.8912732005119324), ('embedded\_systems', 0.8880213499069214)]

Top 5 similar words from reinforcement\_learning:

[('reinforcement', 0.9883080124855042), ('supervised', 0.8933743834495544), ('federated', 0.8676657676696777), ('semisupervised', 0.8651356101036072), ('incremental', 0.8632526993751526)]

Top 5 similar words from risk\_modeling\_systems:

[('rices', 0.32323896884918213), ('rightshift', 0.3158227205276489), ('invisibletese', 0.3033425509929657), ('cryptograph', 0.2930772006511688), ('regularities', 0.2899361252784729)]

Top 5 similar words from scheduling:

[('concurrency', 0.9133471250534058), ('adaptation', 0.9083582162857056), ('expressing', 0.9042443037033081), ('rrm', 0.9015149474143982), ('stochastic', 0.8956833481788635)]

Top 5 similar words from scientific\_computing:

[('urban\_computing', 0.8995994925498962), ('social\_computing', 0.8979624509811401), ('grid\_computing', 0.8940838575363159), ('highperformance', 0.853611171245575), ('urban', 0.8489660024642944)]

Top 5 similar words from scientific\_visualization:

[('connectomics', 0.9218932390213013), ('biomedicine', 0.9160529375076294), ('computational\_economics', 0.9137576818466187), ('quantitative', 0.9098995327949524), ('linguistics', 0.9050620794296265)]

Top 5 similar words from sdn\_in\_computer\_network:

[('selfpresentational', 0.3305642008781433), ('desiderata', 0.3148030638694763), ('ionising', 0.3107915222644806), ('tortuous', 0.2869260013103485), ('fearfighter', 0.2836202383041382)]

Top 5 similar words from security\_and\_privacy:

[('incentivizing', 0.903056263923645), ('usercentric', 0.8430424928665161), ('regulation', 0.8393899202346802), ('culture', 0.8366051912307739), ('enforcement', 0.8341420888900757)]

Top 5 similar words from self\_organization:

[('eased', 0.39837366342544556), ('efficacious', 0.37845131754875183), ('jargon', 0.34997808933258057), ('accountants', 0.3464377224445343), ('insight the', 0.3447262942790985)]

Top 5 similar words from semantic\_grid:

[('apache', 0.9462785720825195), ('kit', 0.9427230358123779), ('php', 0.9332754015922546), ('vdm', 0.9309911727905273), ('broadcaster', 0.9304853677749634)]

Top 5 similar words from semantic\_transcoding\_of\_video\_streams:

[('lineages', 0.3263983130455017), ('ettinger', 0.3202703893184662), ('melbourne digital', 0.3173135817050934), ('productiveas', 0.2780165672302246), ('underpinned', 0.27579420804977417)]

Top 5 similar words from semantic\_web:



[('semantic', 0.9211525917053223), ('schema', 0.8728997111320496), ('rdf', 0.8708213567733765), ('schemescontinuous', 0.8704025745391846), ('workings', 0.8687125444412231)]

Top 5 similar words from sensor\_networks:

[('wireless\_sensor\_networks', 0.9887980222702026), ('multihop', 0.9204100370407104), ('telecommunication', 0.9105335474014282), ('marchese', 0.9069894552230835), ('svt', 0.9069852828979492)]

Top 5 similar words from sentiment\_analysis:

[('sentiment', 0.9672120809555054), ('multimodal', 0.8811301589012146), ('datalogs', 0.8715957403182983), ('principal', 0.8630335927009583), ('lint', 0.8607351779937744)]

Top 5 similar words from service\_and\_cloud\_computing:

[('ama', 0.365125447511673), ('fullyfledged', 0.2933892011642456), ('collaborative\_internet\_computing\_technologies\_and\_applications', 0.2912294268608093), ('cointegration', 0.2817980945110321), ('roberts', 0.2667285203933716)]

Top 5 similar words from shape\_modelling:

[('spindles', 0.29248154163360596), ('reddish', 0.2909853756427765), ('boxoffice', 0.27978596091270447), ('hybrids-can', 0.2794760465621948), ('mediaspecific', 0.27514106035232544)]

Top 5 similar words from signal\_processing\_applications:

[('shorten', 0.8259849548339844), ('texts', 0.8112674951553345), ('speechsynthesizers', 0.8095036149024963), ('icd0cm', 0.8065678477287292), ('computer\_vision', 0.8043043613433838)]

Top 5 similar words from social\_artificial\_intelligence:

[('kubricks', 0.3339787423610687), ('intelligent\_projector\_presentation\_systems', 0.3217983841896057), ('tasksmore', 0.32037609815597534), ('streamingother', 0.32031649351119995), ('highschoollevel', 0.31944170594215393)]

Top 5 similar words from social\_computing:

[('urban\_computing', 0.9190868139266968), ('scientific\_computing', 0.8979623913764954), ('grid\_computing', 0.8850824236869812), ('highperformance', 0.8842973709106445), ('personality', 0.8817046880722046)]

Top 5 similar words from social\_media\_analytics:

[('administration', 0.8649482727050781), ('authenticity', 0.8623380064964294), ('bitcoin', 0.8508683443069458), ('acmi', 0.8490254878997803), ('drug', 0.8421313166618347)]

Top 5 similar words from software\_agent:

[('calendaring', 0.7901648283004761), ('mitrion', 0.7828774452209473), ('ml flex', 0.7804521322250366), ('codebase', 0.7565367221832275), ('software\_engineering', 0.7515643835067749)]

Top 5 similar words from software\_and\_system\_security:

[('ph', 0.26052096486091614), ('erasmus', 0.2492886781692505), ('subformula', 0.24913236498832703), ('sentient-will', 0.24204891920089722), ('scarcely', 0.23851537704467773)]

Top 5 similar words from software\_engineering:

[('biomedical', 0.8843004703521729), ('margaret', 0.8816168308258057), ('plenary', 0.8798009157180786), ('hamilton', 0.8785430192947388), ('sei', 0.8597533702850342)]

Top 5 similar words from software\_security:

[('alleviating', 0.32469478249549866), ('brittle', 0.3009425401687622), ('interactant', 0.3005439043045044), ('optical\_metrology\_and\_fringe\_processing', 0.2932087182998657), ('nonannotated', 0.266912043094635)]

Top 5 similar words from sparse\_convex\_optimization:

[('rule', 0.8219647407531738), ('frank-wolfe', 0.806135892868042), ('dictionary', 0.7962336540222168), ('ksvd', 0.782282829284668), ('caa', 0.7787994742393494)]

Top 5 similar words from spatio\_temporal\_data\_management\_and\_mining:

[('cde', 0.290805846452713), ('upraising', 0.27136915922164917), ('enormity', 0.26827090978622437), ('disastersanother', 0.2654516398906708), ('banach', 0.26451969146728516)]

Top 5 similar words from spectral\_graph\_theory:

[('number\_theory', 0.8723324537277222), ('anthropologyin', 0.8411256074905396), ('tony', 0.8392589092254639), ('elementary', 0.831594705581665), ('spectral', 0.8263456225395203)]

Top 5 similar words from speech\_and\_handwriting\_recognition:

[('takenanother', 0.32086971402168274), ('data\_science', 0.30309611558914185), ('decimation', 0.29007452726364136), ('new', 0.2806045413017273), ('study', 0.27523109316825867)]

Top 5 similar words from speech\_processing\_and\_enhancement:

[('makes', 0.3523818850517273), ('observesrules', 0.33307379484176636), ('learning-are', 0.3267172574996948), ('recalled', 0.31689780950546265), ('industrially', 0.31357425451278687)]

Top 5 similar words from synthesis\_for\_emerging\_technology:

[('applicationsto', 0.31193506717681885), ('netter', 0.30190953612327576), ('masproductline', 0.2983151078224182), ('emits', 0.2937067747116089), ('rental', 0.28952276706695557)]

Top 5 similar words from system\_level\_design:

[('zainalabedin', 0.8929399847984314), ('navabi', 0.8865412473678589), ('jbl', 0.874973475933075), ('vcs', 0.8594807982444763), ('supernova', 0.8515492677688599)]

Top 5 similar words from system\_performance\_analysis:

[('transmural', 0.33911001682281494), ('reimplementation', 0.317160040140152), ('computationalternatively', 0.3111557960510254), ('fileresource', 0.30203777551651), ('whitecollar', 0.29744642972946167)]

Top 5 similar words from text\_mining:

[('data\_mining', 0.9012467861175537), ('mining', 0.8855410218238831), ('web\_mining', 0.8720818758010864), ('warehousing', 0.8624967336654663), ('updatingthe', 0.8547405004501343)]

Top 5 similar words from tool\_condition\_monitoring:

[('protein-peptide', 0.6878414154052734), ('monitoring', 0.6680049896240234), ('basket', 0.6620779633522034), ('linuxsince', 0.6517294049263), ('pypestream', 0.6470178365707397)]

Top 5 similar words from transfer\_learning:

[('federated', 0.8952780961990356), ('parallelprocessing', 0.8873589038848877), ('sweller', 0.8806842565536499), ('semisupervised', 0.8806694746017456), ('reinforcement\_learning', 0.860661506652832)]

Top 5 similar words from trust\_management:

[('schemescontinuous', 0.9480060935020447), ('radio\_resource\_management', 0.9152401089668274), ('workflow', 0.9122156500816345), ('portfolio', 0.9091709852218628), ('lifecycle', 0.9055495262145996)]

Top 5 similar words from ultra\_wideband\_radio:

[('built', 0.32237815856933594), ('threehundred', 0.28695571422576904), ('analyzable', 0.2747924327850342), ('commercialized', 0.2741820812225342), ('supermarkets', 0.274018257856369)]

Top 5 similar words from urban\_computing:

[('grid\_computing', 0.9508139491081238), ('green\_computing', 0.9210606217384338), ('social\_computing', 0.9190868735313416), ('cloud\_computing', 0.909372091293335), ('semantic\_grid', 0.9054660797119141)]

Top 5 similar words from urban\_informatics:

[('urban', 0.9265908002853394), ('philosophy', 0.9135318398475647), ('biomedical', 0.9125187397003174), ('informatics', 0.8865944147109985), ('economic', 0.8849880695343018)]

Top 5 similar words from user\_preference\_modeling\_and\_recommendation:

[('purview', 0.331758975982666), ('trecvid', 0.3252134323120117), ('midsize d', 0.32128745317459106), ('moma', 0.30374225974082947), ('nonempty', 0.29537975788116455)]

Top 5 similar words from video\_coding:

[('video\_compression', 0.9309693574905396), ('wma', 0.913020133972168), ('hdtv', 0.9102597236633301), ('hencoded', 0.9094933271408081), ('vorbis', 0.9065036177635193)]

Top 5 similar words from video\_compression:

[('compressionmethods', 0.9313127994537354), ('video\_coding', 0.9309693574905396), ('royaltyfree', 0.9273637533187866), ('photoslempel-ziv-welch', 0.923290491104126), ('vmaf', 0.9226901531219482)]

Top 5 similar words from video\_processing\_computer\_vision:

[('inferior', 0.32756471633911133), ('multimodal\_and\_natural\_interfaces', 0.3239785134792328), ('00many', 0.2860614061355591), ('reviled', 0.2777627110481262), ('analyzable', 0.27330195903778076)]

Top 5 similar words from virtual\_reality:

[('augmented\_reality', 0.9121853113174438), ('augmented', 0.9018051624298096), ('reality', 0.8854097127914429), ('otp', 0.820564866065979), ('mdlinx', 0.8164145946502686)]

Top 5 similar words from visual\_intelligence:

[('high\_speed\_arithmetic\_units', 0.3511959910392761), ('network\_modeling\_and\_performance\_evaluation', 0.29956838488578796), ('selfimprovement', 0.2585276663303375), ('mcclelland', 0.24077126383781433), ('heterogeneous\_mpsoc', 0.23988212645053864)]

Top 5 similar words from visualisation:

[('inherently', 0.8732501268386841), ('gametheoretic', 0.8596842288970947), ('arqwhen', 0.8572021722793579), ('lz', 0.855800986289978), ('systematic', 0.8549506664276123)]

Top 5 similar words from visualization:

[('bioinformatics', 0.8564350605010986), ('collaborative', 0.8523684144020081), ('scientific\_visualization', 0.8487821817398071), ('modelling', 0.8430882096290588), ('engineering', 0.8342849016189575)]

Top 5 similar words from visualization\_on\_the\_grid:

```
[('fearfighter', 0.3315657377243042), ('earliestused', 0.2857474088668823),  
 ('are', 0.27685168385505676), ('dspoptimized', 0.2758140563964844), ('term  
interdependencies', 0.2688305974006653)]
```

Top 5 similar words from web\_and\_internet:

```
[('freebie', 0.33636510372161865), ('fuzzy_machine_learning', 0.33613508939  
74304), ('nonannotated', 0.3050087094306946), ('entertainment_and_mobile_co  
mputing', 0.30183255672454834), ('celebrity', 0.2958378493785858)]
```

Top 5 similar words from web\_mining:

```
[('text_mining', 0.8720818758010864), ('synergy', 0.8457974195480347), ('da  
ta_analytics', 0.8367552757263184), ('data_mining', 0.8325002193450928), ('  
rareearth', 0.8323333263397217)]
```

Top 5 similar words from web\_visualization:

```
[('spira', 0.37594568729400635), ('investor', 0.35580047965049744), ('punis  
hment', 0.3446630835533142), ('nondiagnostic', 0.34165096282958984), ('veri  
fication', 0.33333539962768555)]
```

Top 5 similar words from wireless\_ad\_hoc\_network:

```
[('lpwan', 0.933864951133728), ('lans', 0.9314637184143066), ('gsm', 0.9181  
450009346008), ('ethernet', 0.9170212149620056), ('telecommunication', 0.91  
01948738098145)]
```

Top 5 similar words from wireless\_communications:

```
[('lans', 0.9121676683425903), ('cellular', 0.9062100648880005), ('telecomm  
unication', 0.9020655155181885), ('satellite', 0.9007397294044495), ('sams  
, 0.8963921070098877)]
```

Top 5 similar words from wireless\_networking:

```
[('lans', 0.9037954807281494), ('laptops', 0.8977459669113159), ('mesh', 0.  
8951483368873596), ('sams', 0.8941702842712402), ('cellular', 0.89370220899  
58191)]
```

Top 5 similar words from wireless\_sensor\_networks:

```
[('sensor_networks', 0.9887981414794922), ('svt', 0.9181210994720459), ('fe  
edforward', 0.9171415567398071), ('relays', 0.9096760749816895), ('marchese  
, 0.9078059792518616)]
```

Top 5 similar words from wireless\_video:

```
[('ultrasonic', 0.8502862453460693), ('phones', 0.8476201295852661), ('micr  
ophones', 0.8452478051185608), ('bluetooth', 0.8425348997116089), ('pdas',  
0.8299049139022827)]
```