

Results

Full Name	UNH id	Webcat Username
Austin Fishbaugh	986886495	amf2015
Bindu Kumari	978952599	bk1044
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1 Read Queries and Write Rankings

Lucene Ranking Function

```
Hog-dog%20rodeo Q0 b40b0d261baac3472708f25e848413da1c3c7528 0 16.424564 team1-lucene-score
Hog-dog%20rodeo Q0 3d6e84cb9c8cd9311455e09f4a2235c9934d141e 1 14.759933 team1-lucene-score
Hog-dog%20rodeo Q0 5a95eddd6fd7428af1919e517b07548a6f1915f1 2 13.814459 team1-lucene-score
Hog-dog%20rodeo Q0 0fb555e014a1ccca30dd9514625d44f986db3e87 3 10.577416 team1-lucene-score
Hog-dog%20rodeo Q0 68a76f85bf31874604dfeaf742a5b3b2fe5671b5 4 9.01727 team1-lucene-score
```

Custom Ranking Function

```
Hog-dog%20rodeo Q0 5a95eddd6fd7428af1919e517b07548a6f1915f1 0 11.0 team1-custom-score
Hog-dog%20rodeo Q0 0fb555e014a1ccca30dd9514625d44f986db3e87 1 4.0 team1-custom-score
Hog-dog%20rodeo Q0 68a76f85bf31874604dfeaf742a5b3b2fe5671b5 2 3.0 team1-custom-score
Hog-dog%20rodeo Q0 b40b0d261baac3472708f25e848413da1c3c7528 3 3.0 team1-custom-score
Hog-dog%20rodeo Q0 0ae8a864fa0c0f910e00a25aeb4eddb9c84db11c 4 2.0 team1-custom-score
```

3 Precision at R

Lucene Ranking Function

queryId	P@R
Hog-dog%20rodeo	1.000
Infield%20fly%20rule	0.923
Walla%20Walla%20River	1.000
Gastrointestinal%20stromal%20tumor	0.382
Magyar%20Telekom	0.875
Cardoon	0.737
Sargasso%20Sea	0.833
Late%20harvest%20wine	0.889
Cancelled-to-order	0.667
Passaic%20River	0.957
Skyglow	0.529
Jewish%20Museum,%20Berlin	1.000
Gorsedd	0.750

Wobble%20base%20pair	0.750
Amblyopia	0.793
Sinharaja%20Forest%20Reserve	1.000
Tempel%201	0.700
Blackburn%20Skua	0.538
Aerosol%20spray	0.714
Brush%20rabbit	0.889
Merchant%20aircraft%20carrier	0.880
Polarization%20(politics)	0.913
Trap-neuter-return	0.167
Carolinian%20language	0.677
McGillicuddy%20Serious%20Party	0.833
Miko	0.680
Saponin	0.235
Metrolink%20(California)	0.811
Federal%20Open%20Market%20Committee	0.600
Nickeline	0.769
Cumberland%20sausage	1.000
Farm%20Security%20Administration	0.389
Strategic%20Army%20Corps	0.727
Slow%20cooker	0.900
Cigna	0.864
Troglitazone	0.700
Adverse%20possession	0.833
Magnetic%20bearing	0.889
Habituation	1.000
LinuxChix	0.875
Wing%20(military%20aviation%20unit)	0.810
Hubbert%20peak%20theory	0.643
Brodie%20helmet	0.667
Lord%20of%20the%20manor	0.727
Great%20Falls%20(Passaic%20River)	0.917
Lowell%20Observatory%20Near-Earth-Object%20Search	0.364
Pok%C3%A9mon%20Puzzle%20League	0.778
Six-man%20football	0.964
Data%20Protection%20Act%201998	0.762
PPG%2016	0.909
Narmada%20River	0.655
Order%20of%20Our%20Lady%20of%20the%20Good%20Death	0.500
Crypt%20of%20Civilization	0.720
Dilated%20cardiomyopathy	0.424
New%20institutionalism	0.800
Khattak	0.364
MS-06%20Zaku%20II	0.884
Beta-Carboline	0.667
Censorship%20in%20the%20United%20Kingdom	0.294
Parathyroid%20chief%20cell	0.900
Harpsichord%20concerto	1.000
Personality%20test	0.893
Whiteleg%20shrimp	0.600
Urban%20forestry	0.800
Mycotoxin	0.444
Cottonseed%20oil	1.000
IBM%20Monochrome%20Display%20Adapter	0.400
Good%20manufacturing%20practice	0.462
Hydrocarbon%20exploration	0.333

Wolfpack%20(naval%20tactic)	0.625
Oil%20Pollution%20Act%20of%201990	0.815
Manned%20Orbiting%20Laboratory	0.231
Combat%20of%20the%20Thirty	0.438
Symphony%20No.%201%20(Beethoven)	0.750
GFA%20BASIC	0.917
SETI%20Institute	1.000
Cyclin	0.667
Nebulizer	0.778
Boston%20Terrier	0.643
Dorian%20invasion	0.487
Emona	0.846
Kulning	0.833
Culture%20of%20Haiti	0.579
Schneider%20CA1	0.814
Coromandel%20Coast	0.900
Election%20Assistance%20Commission	0.444
Coors%20Field	0.690
Autophagy	0.871
Power%20nap	0.846
Third%20Treaty%20of%20San%20Ildefonso	0.533
Oregon%20Petition	0.692
Isola%20del%20Giglio	0.333
De%20La%20Salle%20Brothers	0.818
KDNL-TV	1.000
Television%20set	0.647
Activity%20theory	0.795
Canada%E2%80%93United%20States%20border	0.524
Key%20management	0.882
Gorges%20State%20Park	0.923
American%20Conservative%20Union	0.625
Moment%20magnitude%20scale	0.561
Greek%20tragedy	0.479
Pranayama	0.333
School%20bus	0.752
ASME	0.889
Kubrick%20(toy)	0.500
Common%20garter%20snake	0.750
Canadian%20Labour%20Congress	0.710
Collectivization%20in%20the%20Soviet%20Union	0.593
General%20will	0.636
Goi%C3%A2nia%20accident	0.205
Trekboer	0.100
Bad%20Dudes%20Vs.%20DragonNinja	0.786
Technical%20support	0.680
Bursatella%20leachi	0.200
Shaniwar%20Wada	0.188
Economic%20model	0.656
Parkes%20Observatory	0.560
Disaster%20recovery	0.944
No%20Sweat%20(organisation)	0.500
Catholic%20views%20on%20God	0.842
Generalized%20anxiety%20disorder	0.714
Entertainment%20Software%20Association	0.364
Australian%20Astronomical%20Observatory	0.467
Clear%20Skies%20Act%20of%202003	0.571

Porto%20Digital	0.615
Micro%20Instrumentation%20and%20Telemetry%20Systems	0.094
Fisher%20King	0.842
Neuroethology	0.727
Royal%20Irish%20Academy	0.688
German%20Aerospace%20Center	0.283
Late%20Cretaceous	0.429
Quilombo	0.400
Paget's%20disease%20of%20bone	0.871
Contour%20line	0.821
Montferrat	0.462
Evaporative%20cooler	0.732
Salmon%20River%20(Idaho)	1.000
Despotate%20of%20Epirus	0.882
Recovery-oriented%20computing	0.286
Treadmill	0.393
Cytoplasmic%20streaming	0.905
Women's%20health	0.662
Web%20standards	0.636
Iron%20gall%20ink	1.000
Nonperson	0.571
Persistent%20data%20structure	0.472
Ch%C3%A2teau%20Mouton%20Rothschild	0.615
Shape-memory%20alloy	0.630
Spur	0.591
Glocalization	0.231
Child%20Support%20Agency	0.611
Anesthesia%20awareness	0.800
Finns	0.741
Plok	0.818
BBC%20Television%20Centre	0.839
Church%20of%20St%20Mary%20the%20Great,%20Cambridge	0.909
New%20England%20Conservatory%20of%20Music	0.643
Voltage%20regulation	0.913
Lucky%20Spencer	0.900
Atacama%20border%20dispute	0.692
Castra	0.164
Fast%20bowling	0.750
Food%20allergy	0.717
Vajont%20Dam	0.538
Space%20Shuttle%20external%20tank	0.679
Creep%20(deformation)	0.732
Rosarito%20Beach	0.643
Culture%20of%20Cuba	0.622
Duchy%20of%20Pomerania	0.777
Whale%20vocalization	0.536
Sprint%20car%20racing	0.810
Strategic%20offensive%20Reductions%20Treaty	0.714
Denehole	0.091
Fin%20Fang%20Foom	0.913
Fusarium%20wilt	0.783
Woodgrange%20Park%20railway%20station	0.857
Triptan	0.038
Enoyl%20CoA%20isomerase	0.889
Tunnel%20magnetoresistance	0.231
Conjugate%20prior	0.316

Ironbound	0.714
Fast-neutron%20reactor	0.957
Political%20status%20of%20Transnistria	0.400
St.%20Xavier's%20Institution	0.333
Autonomism	0.086
P-500%20Bazalt	0.625
Opium%20production%20in%20Afghanistan	0.836
Chickamauga%20Dam	0.909
Cannon%20Street%20station	0.875
Paleolithic%20diet	0.895
Communications%20Security%20Establishment	0.645
Marsh%20tit	0.800
Workers'%20Commissions	0.250
SG-1000	1.000
Structural%20information%20theory	0.231
all	0.651

Custom Ranking Function

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Skyglow	0.529
Jewish%20Museum,%20Berlin	1.000
Gorsedd	0.750
Wobble%20base%20pair	0.750
Amblyopia	0.793
Sinharaja%20Forest%20Reserve	1.000
Tempel%201	0.700
Blackburn%20Skua	0.538
Aerosol%20spray	0.714
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Narmada%20River	0.618
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New%20institutionalism	0.650
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MS-06%20Zaku%20II	0.860
Beta-Carboline	0.667
Censorship%20in%20the%20United%20Kingdom	0.176
Parathyroid%20chief%20cell	0.900
Harpsichord%20concerto	1.000
Personality%20test	0.893
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School%20bus	0.702
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Porto%20Digital	0.615
Micro%20Instrumentation%20and%20Telemetry%20Systems	0.057
Fisher%20King	0.842
Neuroethology	0.727
Royal%20Irish%20Academy	0.688
German%20Aerospace%20Center	0.264
Late%20Cretaceous	0.429
Quilombo	0.400
Paget's%20disease%20of%20bone	0.871
Contour%20line	0.714
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Web%20standards	0.636
Iron%20gall%20ink	1.000
Nonperson	0.571
Persistent%20data%20structure	0.417

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Spur	0.591
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Child%20Support%20Agency	0.444
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Finns	0.741
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Conjugate%20prior	0.316
Ironbound	0.714
Fast-neutron%20reactor	0.957
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St.%20Xavier's%20Institution	0.333
Autonomism	0.086
P-500%20Bazalt	0.625
Opium%20production%20in%20Afghanistan	0.731
Chickamauga%20Dam	0.909
Cannon%20Street%20station	0.917
Paleolithic%20diet	0.895
Communications%20Security%20Establishment	0.645
Marsh%20tit	0.800
Workers'%20Commissions	0.250
SG-1000	1.000
Structural%20information%20theory	0.231
all	0.630

5 NDCG@20

Lucene Ranking Function

NDCG Calculation

Hog-dog%20rodeo : 1.0
Infield%20fly%20rule : 1.0
Walla%20Walla%20River : 1.0
Gastrointestinal%20stromal%20tumor : 1.0
Magyar%20Telekom : 1.0
Cardoon : 1.0
Sargasso%20Sea : 1.0
Late%20harvest%20wine : 1.0
Cancelled-to-order : 1.0
Passaic%20River : 1.0
Skyglow : 1.0
Jewish%20Museum,%20Berlin : 1.0
Gorsedd : 1.0
Wobble%20base%20pair : 1.0
Amblyopia : 1.0
Sinharaja%20Forest%20Reserve : 1.0
Tempel%201 : 1.0
Blackburn%20Skua : 1.0
Aerosol%20spray : 1.0
Brush%20rabbit : 1.0
Merchant%20aircraft%20carrier : 1.0
Polarization%20(politics) : 1.0
Trap-neuter-return : 1.0
Carolinian%20language : 1.0
McGillicuddy%20Serious%20Party : 1.0
Miko : 1.0