Beyond the List:

Refining your PubMed searches with interactive visualizations

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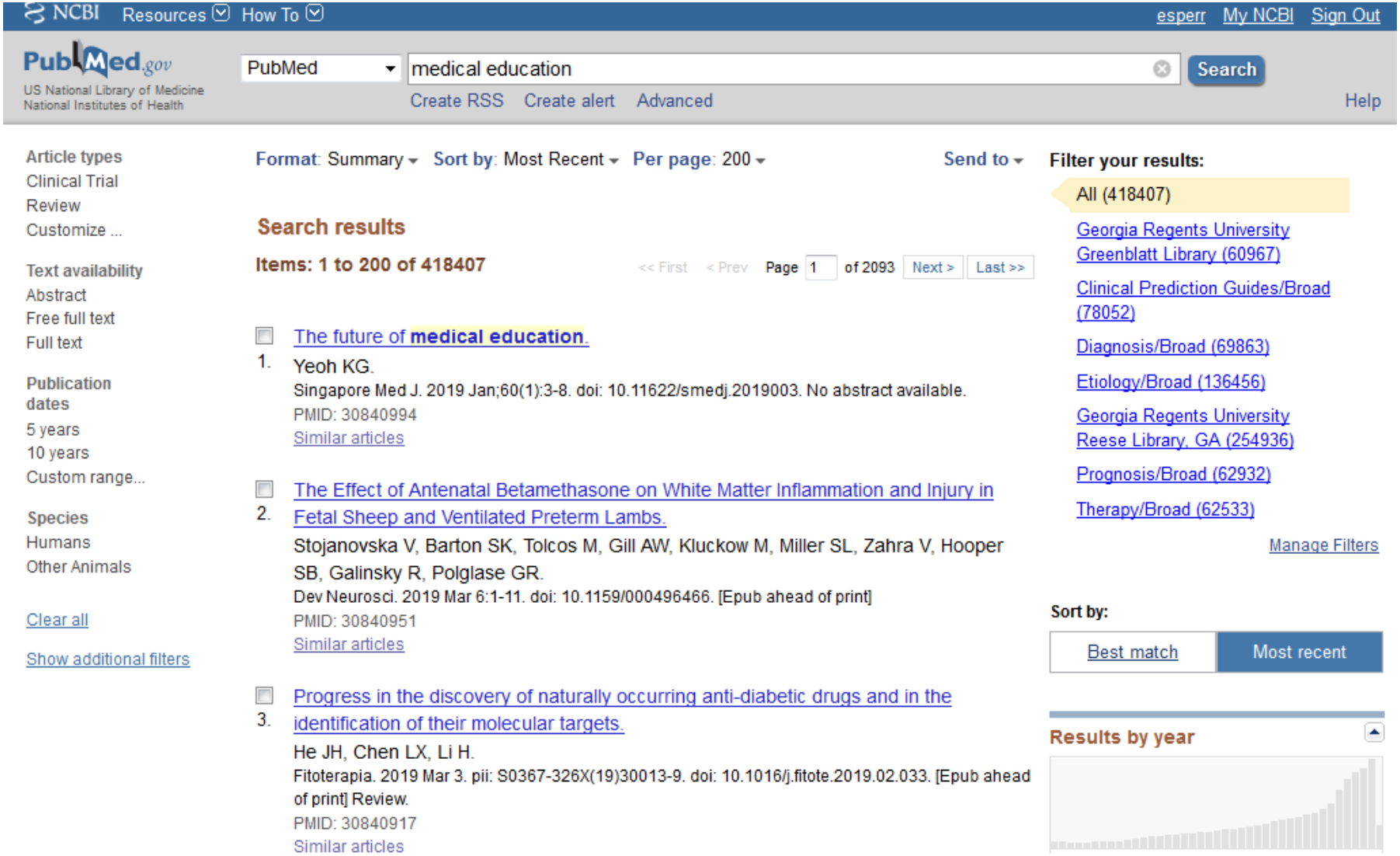
AUGUSTA UNIVERSITY

MEDICAL PARTNERSHIP

UNIVERSITY OF GEORGIA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Items: 1 to 200 of 418407
<< First < Prev Page 1 of 2093 Next > Last >>
1. The future of medical education.
Yeoh KG.
Singapore Med J. 2019 Jan;60(1):3-8. doi: 10.11622/smedj.2019003. No abstract available.
PMID: 30840994
Similar articles
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Stojanovska V, Barton SK, Tolcos M, Gill AW, Kluckow M, Miller SL, Zahra V, Hooper SB, Galinsky R, Polglase GR.
Dev Neurosci. 2019 Mar 6:1-11. doi: 10.1159/000496466. [Epub ahead of print]
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He JH, Chen LX, Li H.
Fitoterapia. 2019 Mar 3. pii: S0367-326X(19)30013-9. doi: 10.1016/j.fitote.2019.02.033. [Epub ahead of print] Review.
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PubMed.gov
medical education
Search results

Lists

Pro

- Simple
- Great for providing access

Con

- Are only ordered on one axis
- Don’t show context

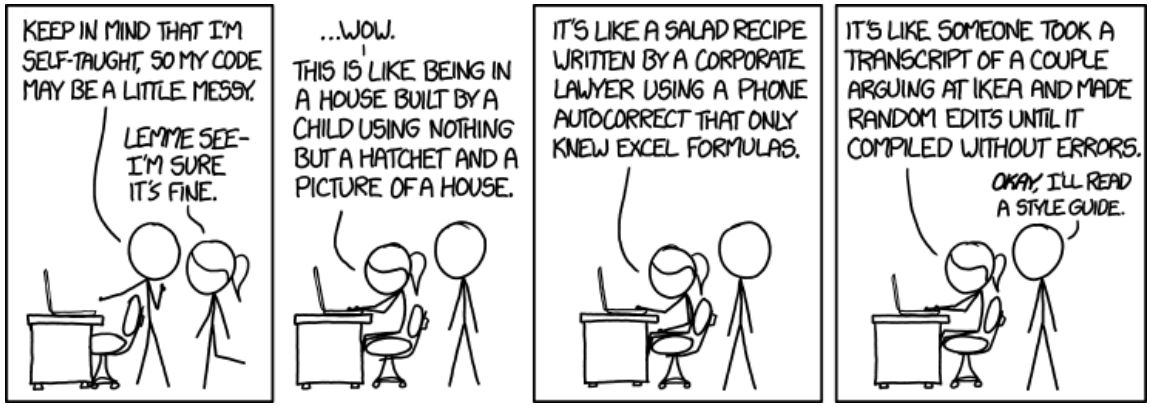
Can we do better?

"The fundamental task in data analysis is to make smart comparisons.
We are always trying to ask the question, 'Compared with what?' "

-- Edward Tufte

Design Principles: Fast, Cheap and Out of Control

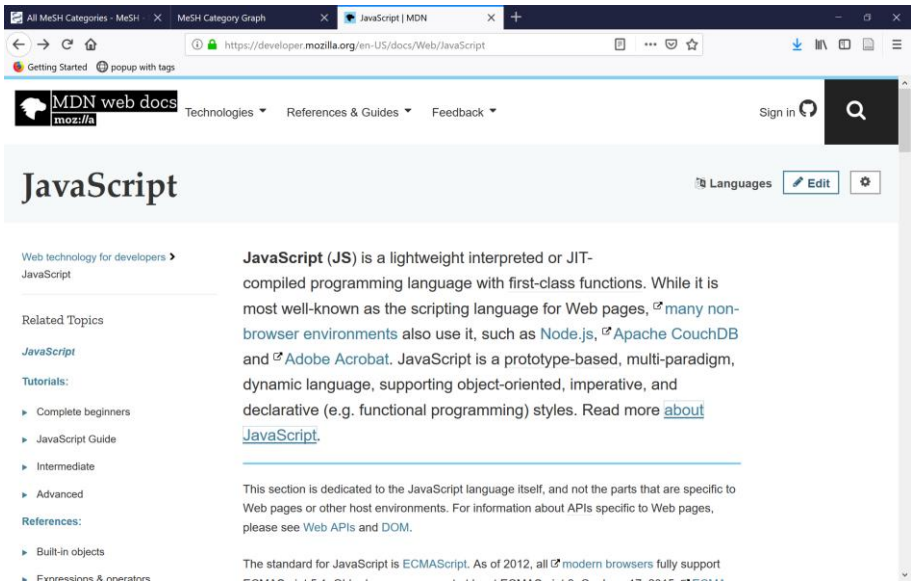
- Use existing libraries whenever possible
- Push as much out to the browser as possible
- Working code will work just fine…



https://xkcd.com/1513/

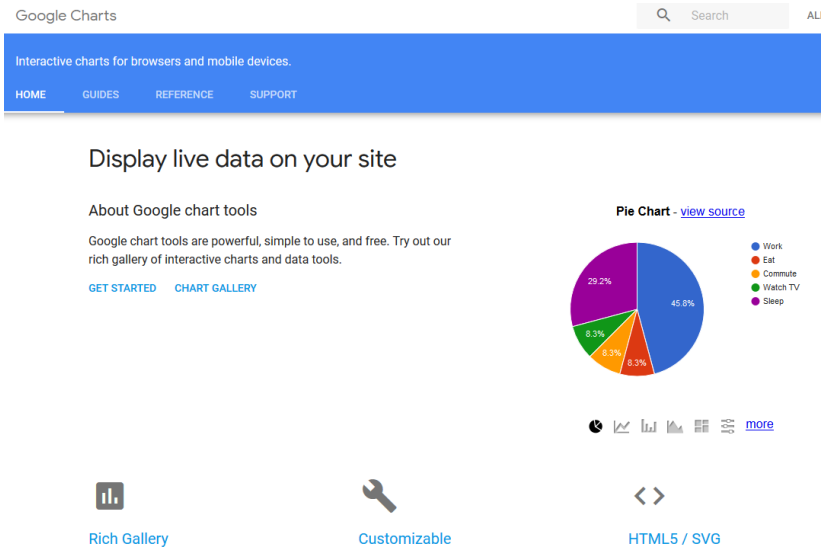
Fun with JavaScript!

- Runs in the browser
  - Many browsers have built-in "developer" tools
- Lots of self-study materials available online
- Readily *extendable* using external libraries and frameworks



Google Charts

- Relatively simple
- Free!
- Can use with static tables of data or *interactive* data that you grab on the fly

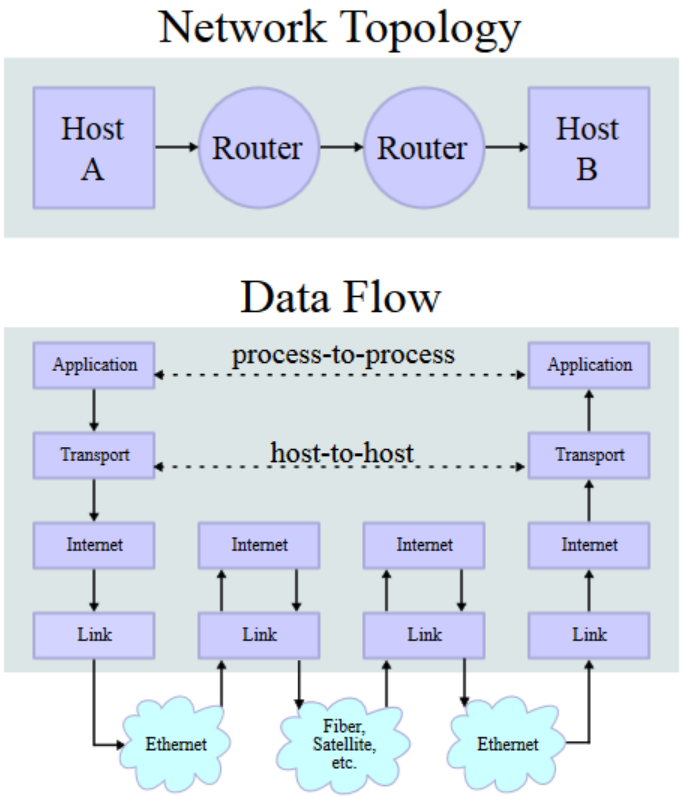


https://developers.google.com/chart/

Basic Pattern

1. Send search to PubMed
2. Retrieve counts
3. Compare them to a baseline of some kind
4. Graph the difference
5. ???
6. Profit

APIs



Kbrose -- Wikimedia

APIs

https://eutils.ncbi.nlm.nih.gov/entrez/eutils/esearch.fcgi?db=pubmed&usehistory=y&term=dengue+OR+dengue+fever&retmode=json&retmax=0&email=ed_sperr%40hotmail.com&tool=pmsearchbench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      "version": "0.3"
   },
   "esearchresult": {
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      "retmax": "0",
      "retstart": "0",
      "querykey": "1",
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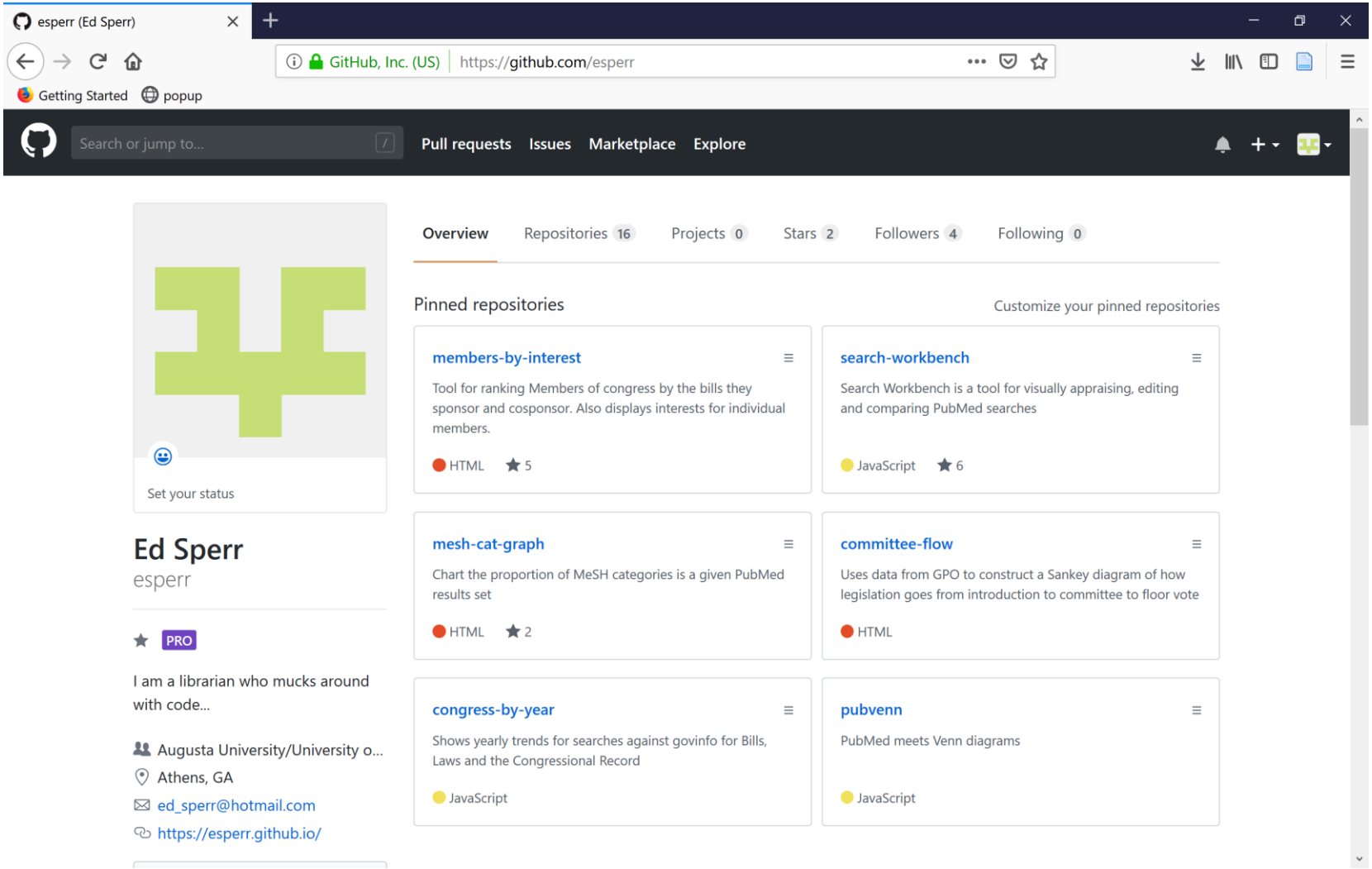
995173_1918872135_0MetA0_S_MegaStore",
      "idlist": [ ...
```

E-Utilities

- API to NCBI databases
- Maintained by NLM
- Simple syntax for calls – easy to implement in many environments

https://eutils.ncbi.nlm.nih.gov/entrez/eutils/esearch.fcgi?db=pubmed&term=diabetes&retmode=json&rettype=count

- Brand-new documentation at https://dataguide.nlm.nih.gov/


esperr (Ed Sperr)
GitHub, Inc. (US) https://github.com/esperr
Getting Started
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Explore
Overview
Repositories 16
Projects 0
Stars 2
Followers 4
Following 0
Set your status
Ed Sperr
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PRO
I am a librarian who mucks around with code...
Augusta University/University o...
Athens, GA
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https://esperr.github.io/
Pinned repositories
Customize your pinned repositories
members-by-interest
Tool for ranking Members of congress by the bills they sponsor and cosponsor. Also displays interests for individual members.
HTML
5
search-workbench
Search Workbench is a tool for visually appraising, editing and comparing PubMed searches
JavaScript
6
mesh-cat-graph
Chart the proportion of MeSH categories is a given PubMed results set
HTML
2
committee-flow
Uses data from GPO to construct a Sankey diagram of how legislation goes from introduction to committee to floor vote
HTML
congress-by-year
Shows yearly trends for searches against govinfo for Bills, Laws and the Congressional Record
JavaScript
pubvenn
PubMed meets Venn diagrams
JavaScript

Can we group citations by subject?


The contribution of genetic var
https://www.ncbi.nlm.nih.gov/pubm
Search
NCBI Resources How To
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US National Library of Medicine
National Institutes of Health
PubMed
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Format: Abstract
Send to
Ren Fail. 2018 Nov;40(1):561-576. doi: 10.1080/0886022X.2018.1496931.
The contribution of genetic variants of SLC2A1 gene in T2DM and T2DM-nephropathy: association study and meta-analysis.
Stefanidis I[1], Tziastoudi M[2], Tsironi EE[3], Dardiotis E[4], Tachmitzi SV[3], Fotiadou A[3], Pissas G[1], Kytoudis K[1], Sounidaki M[1], Ampatzis G[1], Mertens PR[5], Liakopoulos V[1], Eleftheriadis T[1], Hadjigeorgiou GM[4], Santos M[6], Zintzaras E[2,7].
Author information
Abstract
An association study was conducted to investigate the relation between 14 variants of glucose transporter 1 gene (SLC2A1) and the risk of type 2 diabetes (T2DM) leading to nephropathy. We also performed a meta-analysis of 11 studies investigating association between diabetic nephropathy (DN) and SLC2A1 variants. The cohort included 197 cases (T2DM with nephropathy), 155 diseased controls (T2DM without nephropathy) and 246 healthy controls. The association of variants with disease progression was tested using generalized odds ratio (OR_G). The risk of type 2 diabetes leading to nephropathy was estimated by the OR of additive and co-dominant models. The mode of inheritance was assessed using the degree of dominance index (h-index). We synthesized results of 11 studies examining association between 5 SLC2A1 variants and DN. OR_G was used to assess the association between variants and DN using random effects models. Significant results were derived for co-dominant model of rs12407920 [OR = 2.01 (1.17-3.45)], rs841847 [OR = 1.73 (1.17-2.56)] and rs841853 [OR = 1.74 (1.18-2.55)] and for additive model of rs3729548 [OR = 0.52 (0.29-0.90)]. The mode of inheritance for rs12407920, rs841847 and rs841853 was 'dominance of each minor allele' and for rs3729548 'non-dominance'. Frequency of one haplotype (C-G-G-A-T-C-C-T-G-T-C-C-A-G) differed significantly between cases and healthy controls [p = .014]. Regarding meta-analysis, rs841853 contributed to an increased risk of DN [(OR_G = 1.43 (1.09-1.88); OR_G = 1.58 (1.01-2.48)] between diseased controls versus cases and healthy controls versus cases, respectively. Further studies confirm the association of rs12407920, rs841847, rs841853, as well as rs3729548 and the risk of T2DM leading to
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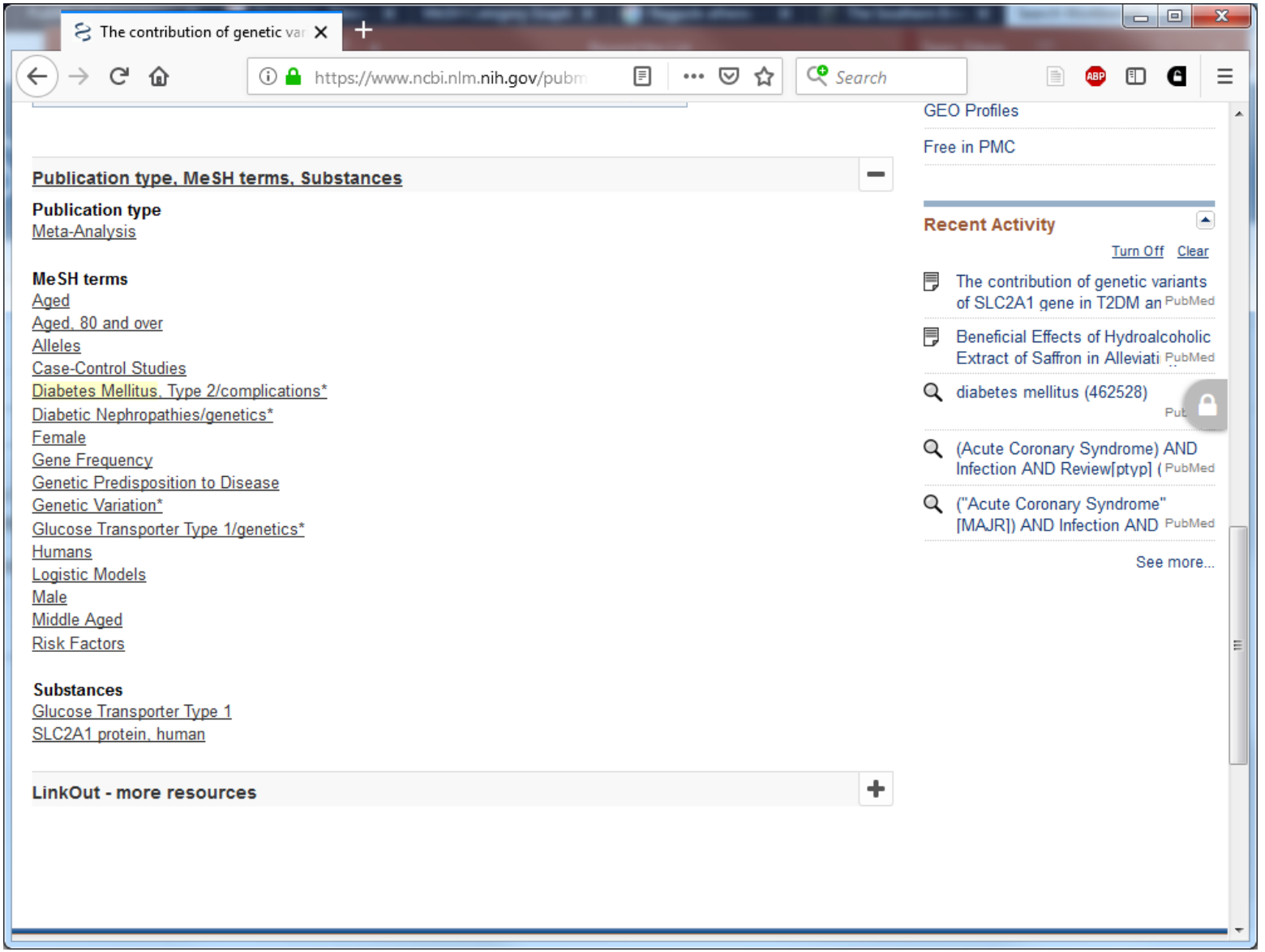
SLC2A1 Tag SNPs in Greek Patients with Diabetic Re [Ophthalmic Res. 2019]
Association between the interleukin-1β Gene (IL1B) C-511 [DNA Cell Biol. 2014]
Association between glucose transporter 1 rs84185 [J Diabetes. 2013]
Review Relationship between five GLUT1 gene single [Mol Biol Rep. 2012]
Review Endothelial nitric oxide synthase gene [BMC Med Genet. 2014]
See reviews...
See all...


The contribution of genetic var
https://www.ncbi.nlm.nih.gov/pubm
Search
GEO Profiles
Free in PMC
Publication type, MeSH terms, Substances
Publication type
Meta-Analysis
MeSH terms
Aged
Aged, 80 and over
Alleles
Case-Control Studies
Diabetes Mellitus, Type 2/complications*
Diabetic Nephropathies/genetics*
Female
Gene Frequency
Genetic Predisposition to Disease
Genetic Variation*
Glucose Transporter Type 1/genetics*
Humans
Logistic Models
Male
Middle Aged
Risk Factors
Substances
Glucose Transporter Type 1
SLC2A1 protein, human
LinkOut - more resources
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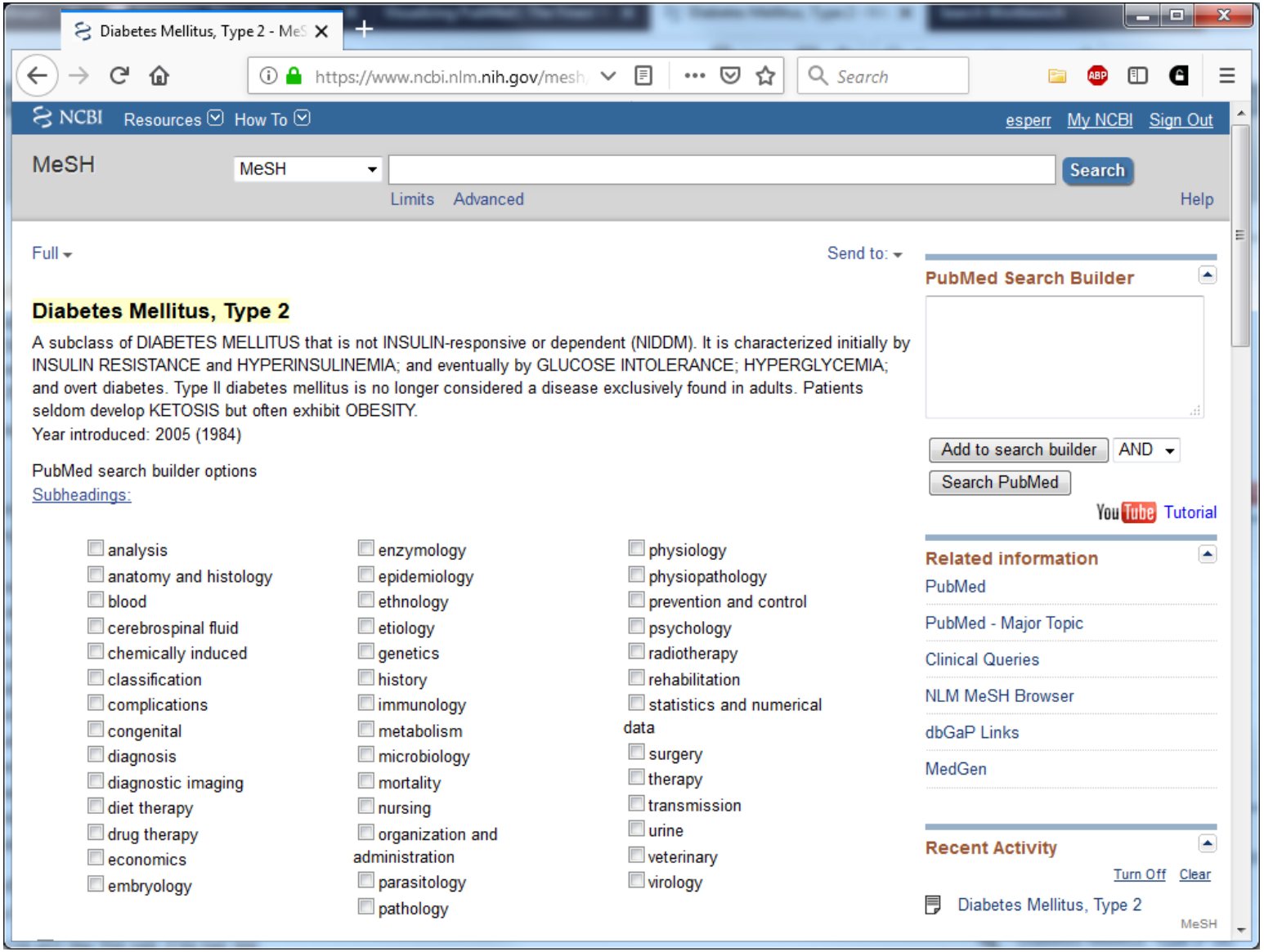
Turn Off
Clear
The contribution of genetic variants of SLC2A1 gene in T2DM an PubMed
Beneficial Effects of Hydroalcoholic Extract of Saffron in Alleviati PubMed
diabetes mellitus (462528)
(Acute Coronary Syndrome) AND Infection AND Review[ptyp] (PubMed
("Acute Coronary Syndrome" [MAJR]) AND Infection AND PubMed
See more...


Diabetes Mellitus, Type 2 - MeS
https://www.ncbi.nlm.nih.gov/mesh
Search
NCBI Resources How To
esperr My NCBI Sign Out
MeSH
MeSH
Search
Limits Advanced
Help
Full
Send to:
Diabetes Mellitus, Type 2
A subclass of DIABETES MELLITUS that is not INSULIN-responsive or dependent (NIDDM). It is characterized initially by INSULIN RESISTANCE and HYPERINSULINEMIA; and eventually by GLUCOSE INTOLERANCE; HYPERGLYCEMIA; and overt diabetes. Type II diabetes mellitus is no longer considered a disease exclusively found in adults. Patients seldom develop KETOSIS but often exhibit OBESITY.
Year introduced: 2005 (1984)
PubMed search builder options
Subheadings:
analysis
anatomy and histology
blood
cerebrospinal fluid
chemically induced
classification
complications
congenital
diagnosis
diagnostic imaging
diet therapy
drug therapy
economics
embryology
enzymology
epidemiology
ethnology
etiology
genetics
history
immunology
metabolism
microbiology
mortality
nursing
organization and administration
parasitology
pathology
physiology
physiopathology
prevention and control
psychology
radiotherapy
rehabilitation
statistics and numerical data
surgery
therapy
transmission
urine
veterinary
virology
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AND
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Related information
PubMed
PubMed - Major Topic
Clinical Queries
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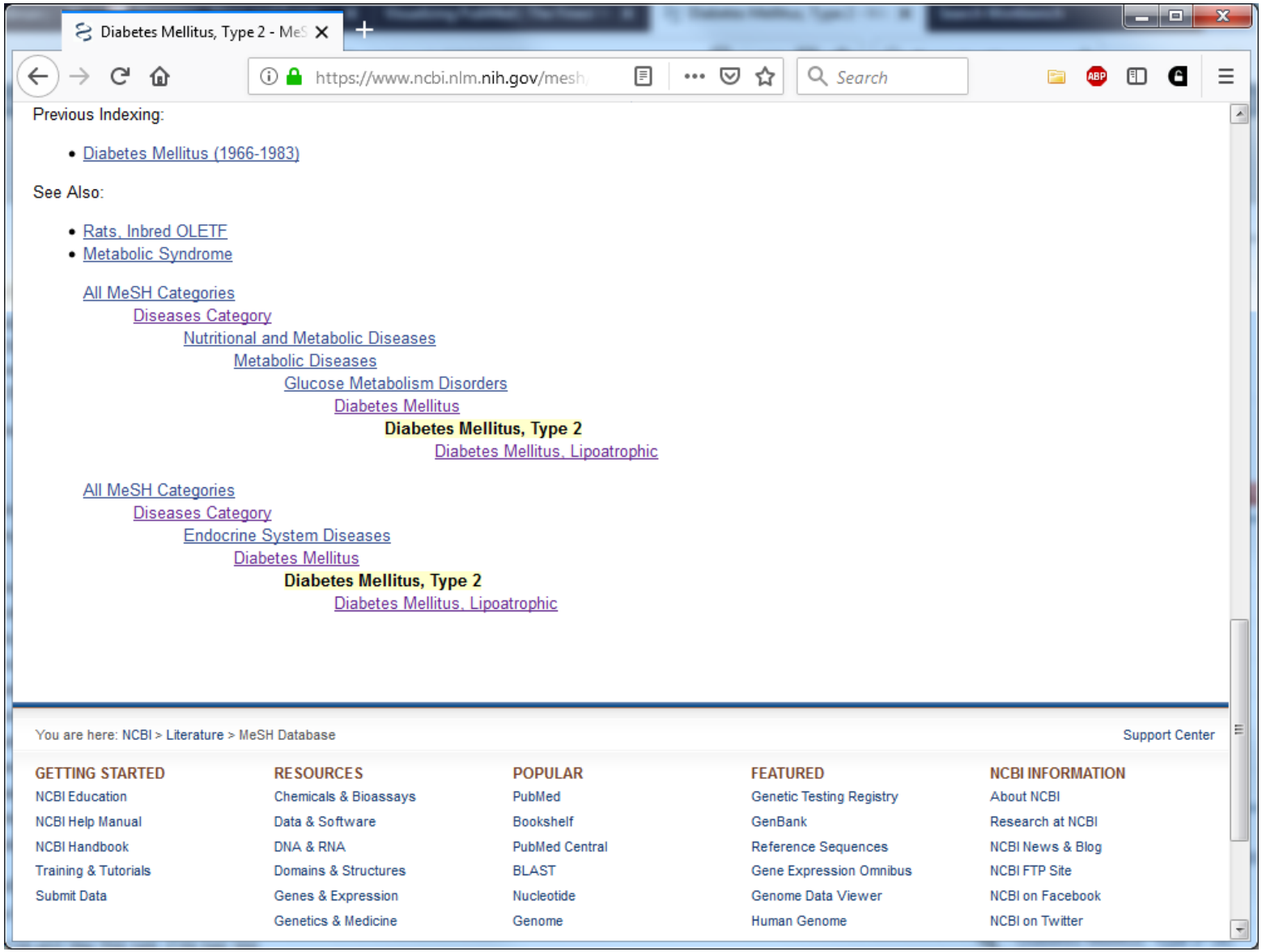
dbGaP Links
MedGen
Recent Activity
Turn Off Clear
Diabetes Mellitus, Type 2
MeSH


Diabetes Mellitus, Type 2 - MeS
https://www.ncbi.nlm.nih.gov/mesh
Search
Previous Indexing:
Diabetes Mellitus (1966-1983)
See Also:
Rats, Inbred OLETF
Metabolic Syndrome
All MeSH Categories
Diseases Category
Nutritional and Metabolic Diseases
Metabolic Diseases
Glucose Metabolism Disorders
Diabetes Mellitus
Diabetes Mellitus, Type 2
Diabetes Mellitus, Lipoatrophic
All MeSH Categories
Diseases Category
Endocrine System Diseases
Diabetes Mellitus
Diabetes Mellitus, Type 2
Diabetes Mellitus, Lipoatrophic
You are here: NCBI > Literature > MeSH Database
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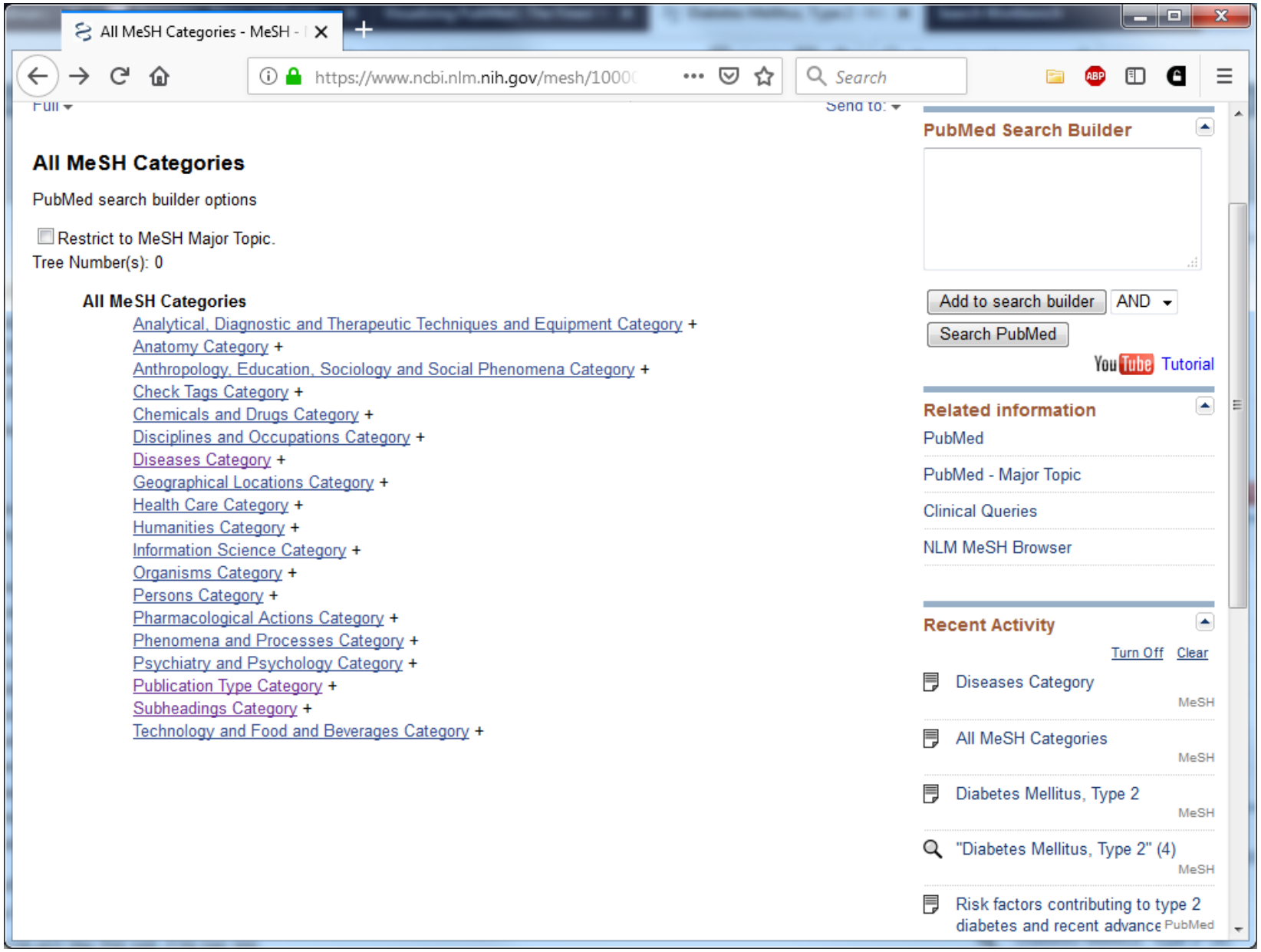
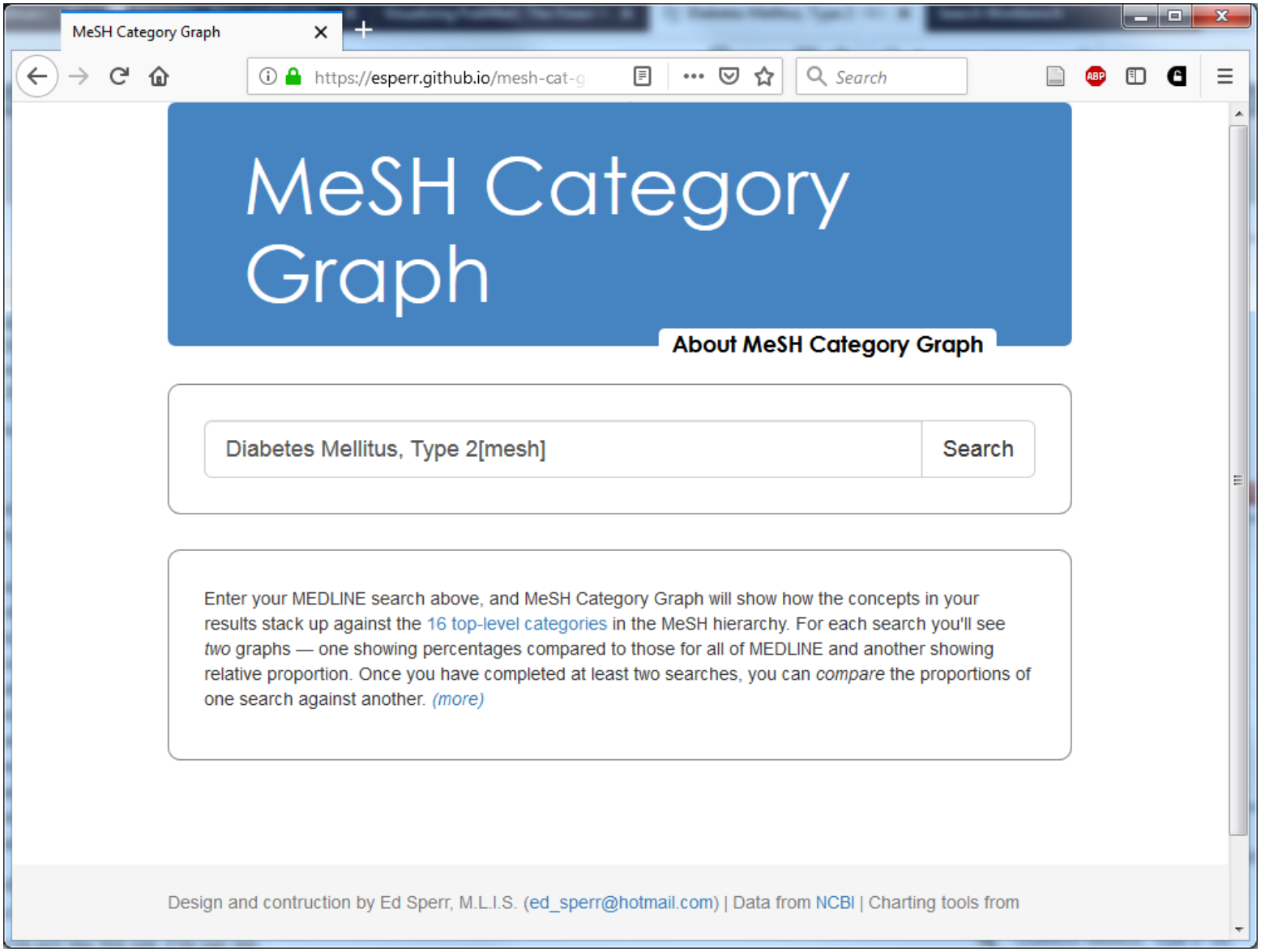
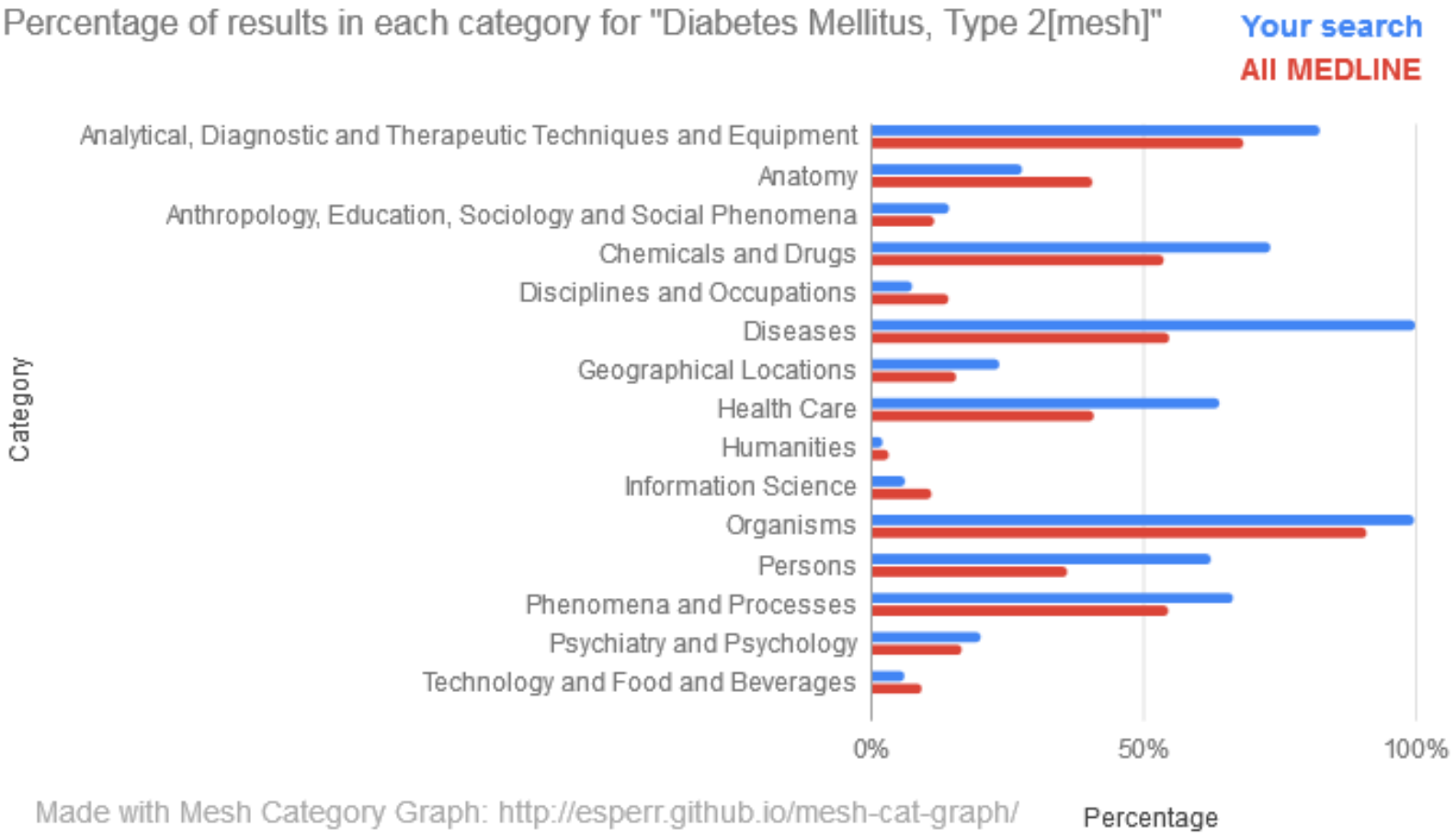
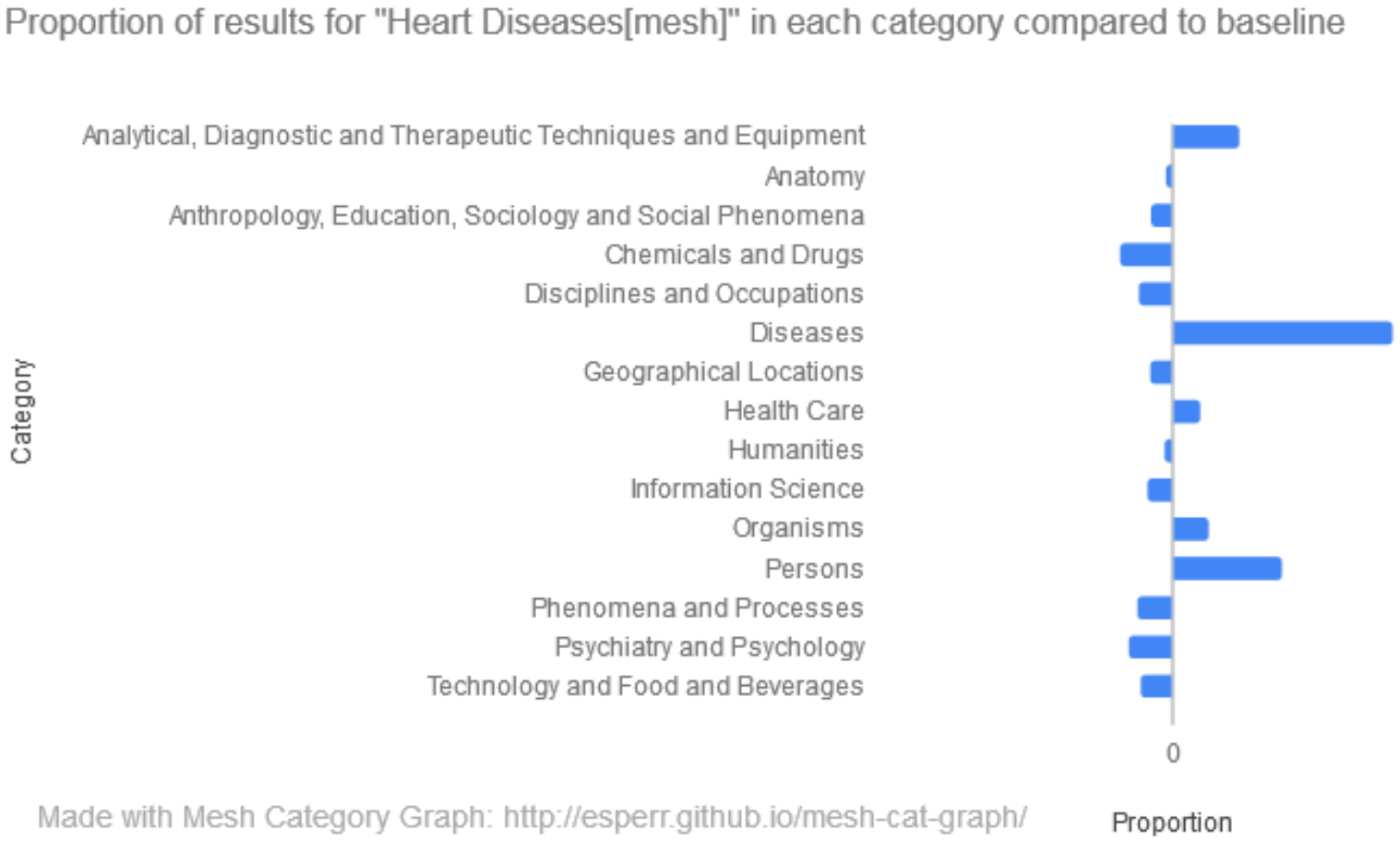
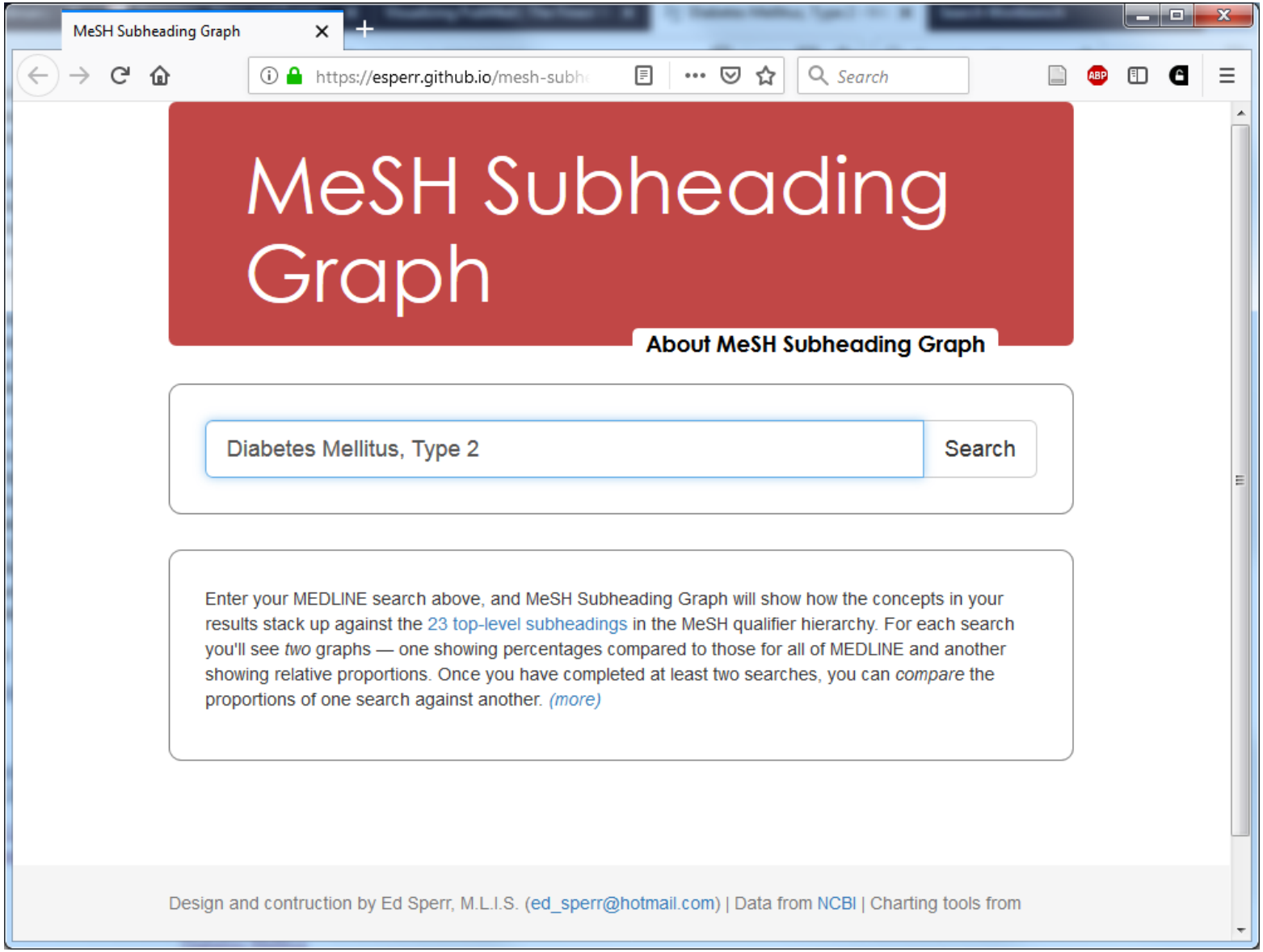

All MeSH Categories - MeSH -
https://www.ncbi.nlm.nih.gov/mesh/10000
Search
Full
Send to:
All MeSH Categories
PubMed search builder options
Restrict to MeSH Major Topic.
Tree Number(s): 0
All MeSH Categories
Analytical, Diagnostic and Therapeutic Techniques and Equipment Category +
Anatomy Category +
Anthropology, Education, Sociology and Social Phenomena Category +
Check Tags Category +
Chemicals and Drugs Category +
Disciplines and Occupations Category +
Diseases Category +
Geographical Locations Category +
Health Care Category +
Humanities Category +
Information Science Category +
Organisms Category +
Persons Category +
Pharmacological Actions Category +
Phenomena and Processes Category +
Psychiatry and Psychology Category +
Publication Type Category +
Subheadings Category +
Technology and Food and Beverages Category +
PubMed Search Builder
Add to search builder
AND
Search PubMed
YouTube Tutorial
Related information
PubMed
PubMed - Major Topic
Clinical Queries
NLM MeSH Browser
Recent Activity
Turn Off
Clear
Diseases Category
MeSH
All MeSH Categories
MeSH
Diabetes Mellitus, Type 2
MeSH
"Diabetes Mellitus, Type 2" (4)
MeSH
Risk factors contributing to type 2 diabetes and recent advance
PubMed


MeSH Category Graph
https://esperr.github.io/mesh-cat-g
Search
MeSH Category Graph
About MeSH Category Graph
Diabetes Mellitus, Type 2[mesh]
Search
Enter your MEDLINE search above, and MeSH Category Graph will show how the concepts in your results stack up against the 16 top-level categories in the MeSH hierarchy. For each search you'll see two graphs — one showing percentages compared to those for all of MEDLINE and another showing relative proportion. Once you have completed at least two searches, you can compare the proportions of one search against another. (more)
Design and contruction by Ed Sperr, M.L.I.S. (ed_sperr@hotmail.com) | Data from NCBI | Charting tools from

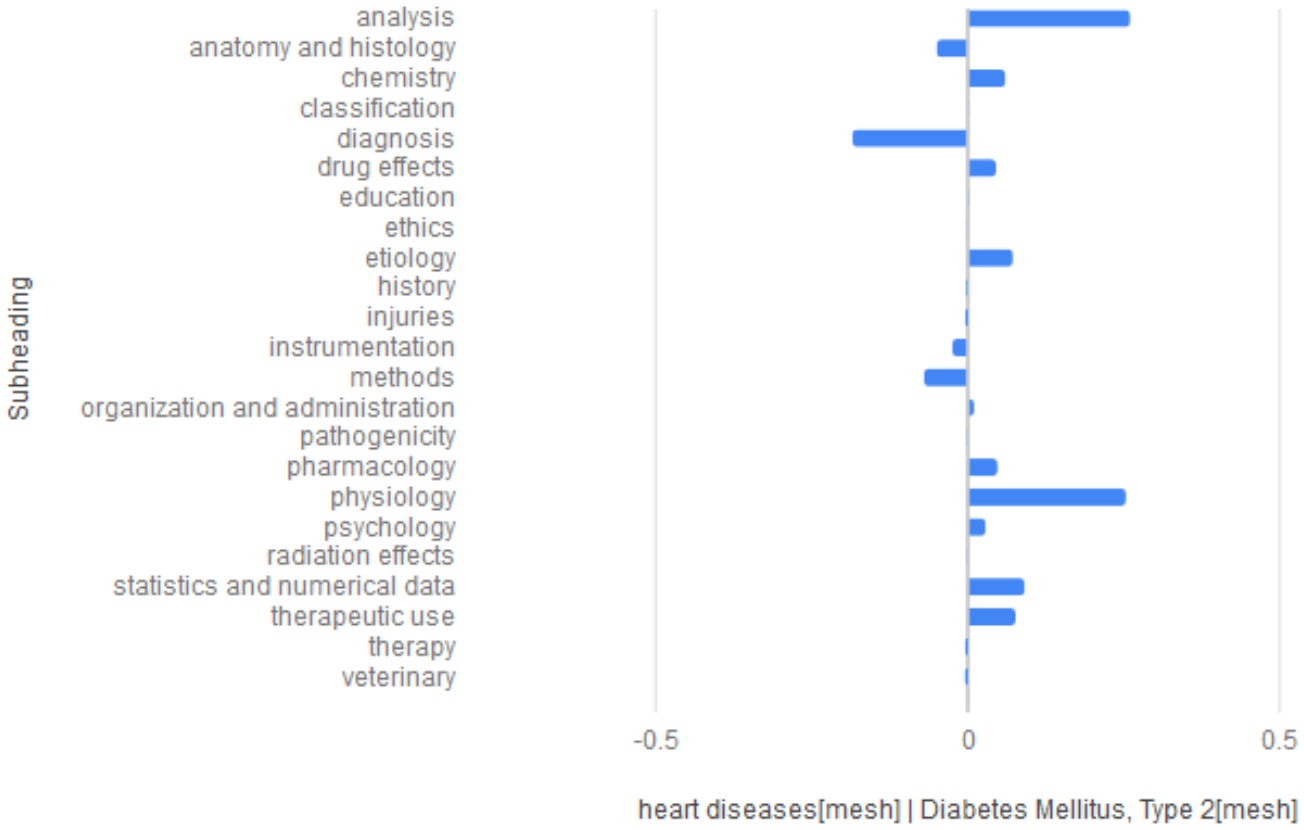

Percentage of results in each category for "Diabetes Mellitus, Type 2[mesh]"
Your search
All MEDLINE
Analytical, Diagnostic and Therapeutic Techniques and Equipment
Anatomy
Anthropology, Education, Sociology and Social Phenomena
Chemicals and Drugs
Disciplines and Occupations
Diseases
Geographical Locations
Health Care
Humanities
Information Science
Organisms
Persons
Phenomena and Processes
Psychiatry and Psychology
Technology and Food and Beverages
Category
0%
50%
100%
Percentage
Made with Mesh Category Graph: http://esperr.github.io/mesh-cat-graph/


Proportion of results for "Heart Diseases[mesh]" in each category compared to baseline
Analytical, Diagnostic and Therapeutic Techniques and Equipment
Anatomy
Anthropology, Education, Sociology and Social Phenomena
Chemicals and Drugs
Disciplines and Occupations
Diseases
Geographical Locations
Health Care
Humanities
Information Science
Organisms
Persons
Phenomena and Processes
Psychiatry and Psychology
Technology and Food and Beverages
Category
0
Proportion
Made with Mesh Category Graph: http://esperr.github.io/mesh-cat-graph/


Analytical, Diagnostic and Therapeutic Techniques and Equipment
Anatomy
Anthropology, Education, Sociology and Social Phenomena
Chemicals and Drugs
Disciplines and Occupations
Diseases
Geographical Locations
Health Care
Humanities
Information Science
Organisms
Persons
Phenomena and Processes
Psychiatry and Psychology
Technology and Food and Beverages
Category
0
heart diseases[mesh] | Diabetes Mellitus, Type 2[mesh]


MeSH Subheading Graph
https://esperr.github.io/mesh-subh
Search
MeSH Subheading Graph
About MeSH Subheading Graph
Diabetes Mellitus, Type 2
Search
Enter your MEDLINE search above, and MeSH Subheading Graph will show how the concepts in your results stack up against the 23 top-level subheadings in the MeSH qualifier hierarchy. For each search you'll see two graphs — one showing percentages compared to those for all of MEDLINE and another showing relative proportions. Once you have completed at least two searches, you can compare the proportions of one search against another. (more)
Design and contruction by Ed Sperr, M.L.I.S. (ed_sperr@hotmail.com) | Data from NCBI | Charting tools from


Proportion of subheadings for "Diabetes Mellitus, Type 2[mesh]" compared to baseline
Subheading
analysis
anatomy and histology
chemistry
classification
diagnosis
drug effects
education
ethics
etiology
history
injuries
instrumentation
methods
organization and administration
pathogenicity
pharmacology
physiology
psychology
radiation effects
statistics and numerical data
therapeutic use
therapy
veterinary
-0.5
0
0.5
Proportion
Made with Mesh Subheading Graph: http://esperr.github.io/mesh-subhead-graph/


Subheading
analysis
anatomy and histology
chemistry
classification
diagnosis
drug effects
education
ethics
etiology
history
injuries
instrumentation
methods
organization and administration
pathogenicity
pharmacology
physiology
psychology
radiation effects
statistics and numerical data
therapeutic use
therapy
veterinary
-0.5
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heart diseases[mesh] | Diabetes Mellitus, Type 2[mesh]

Can we tell something about how the parts of a search are connected?

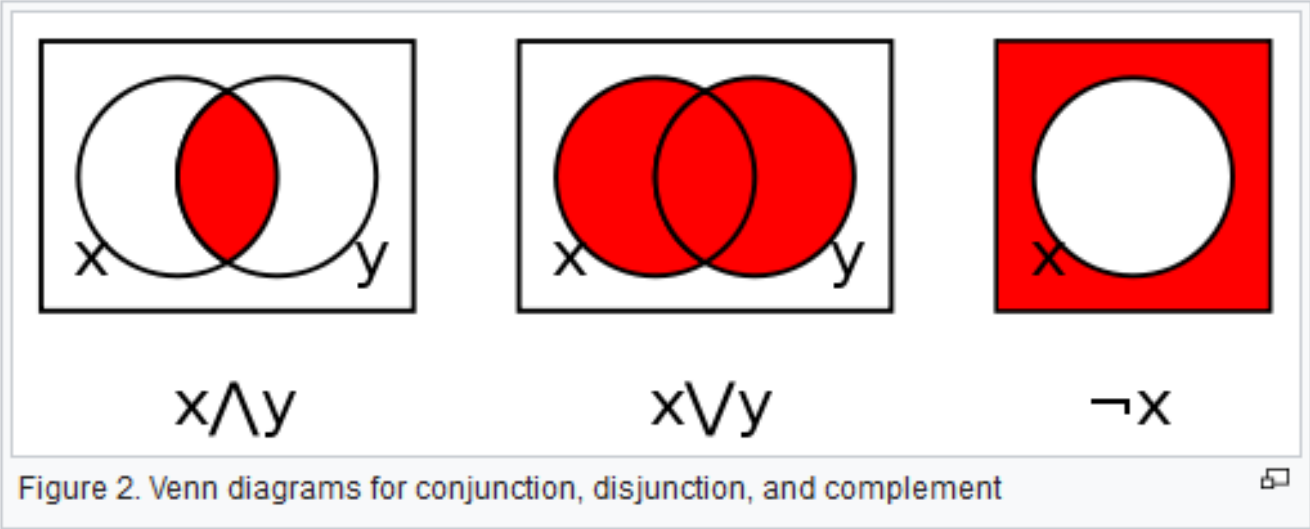
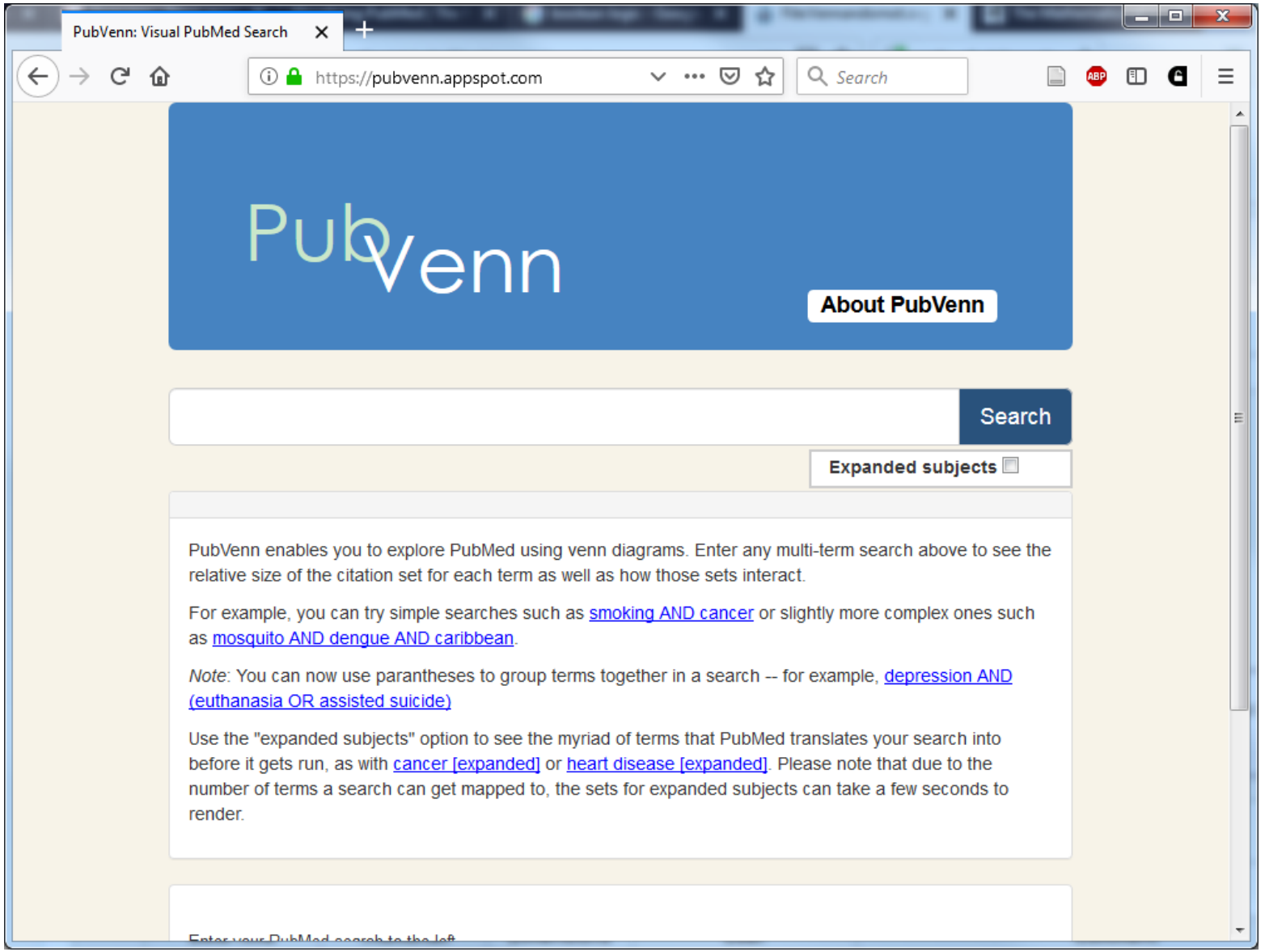
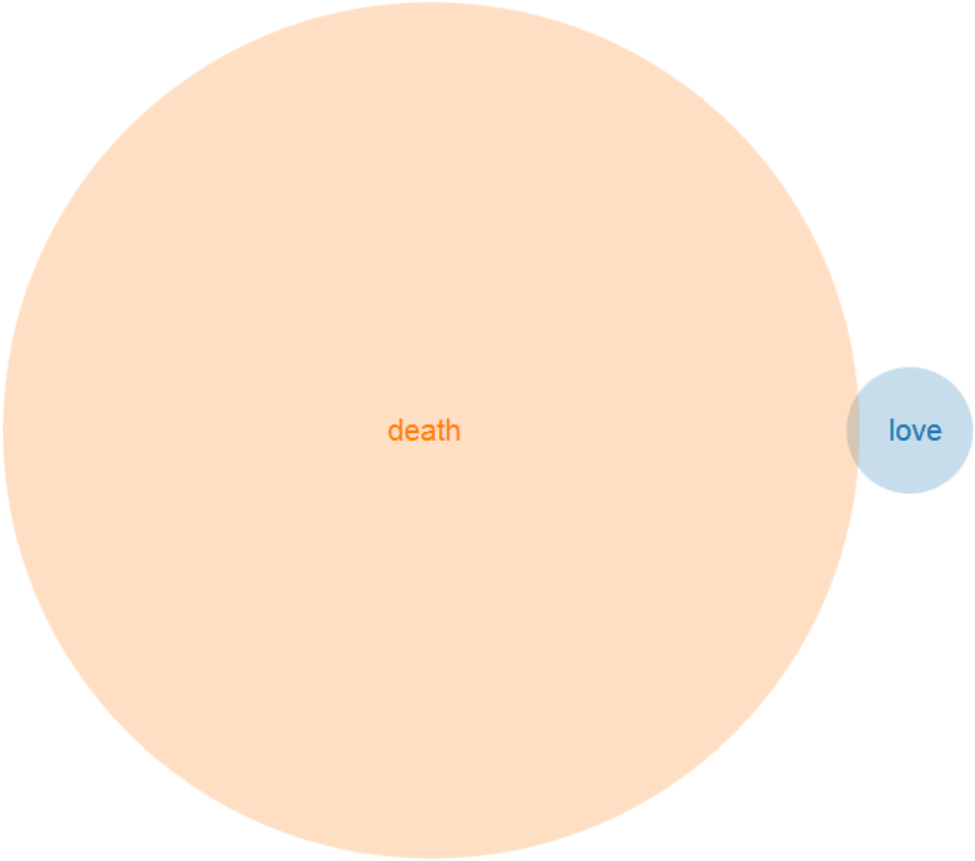


Figure 2. Venn diagrams for conjunction, disjunction, and complement

Watchduck -- Wikimedia

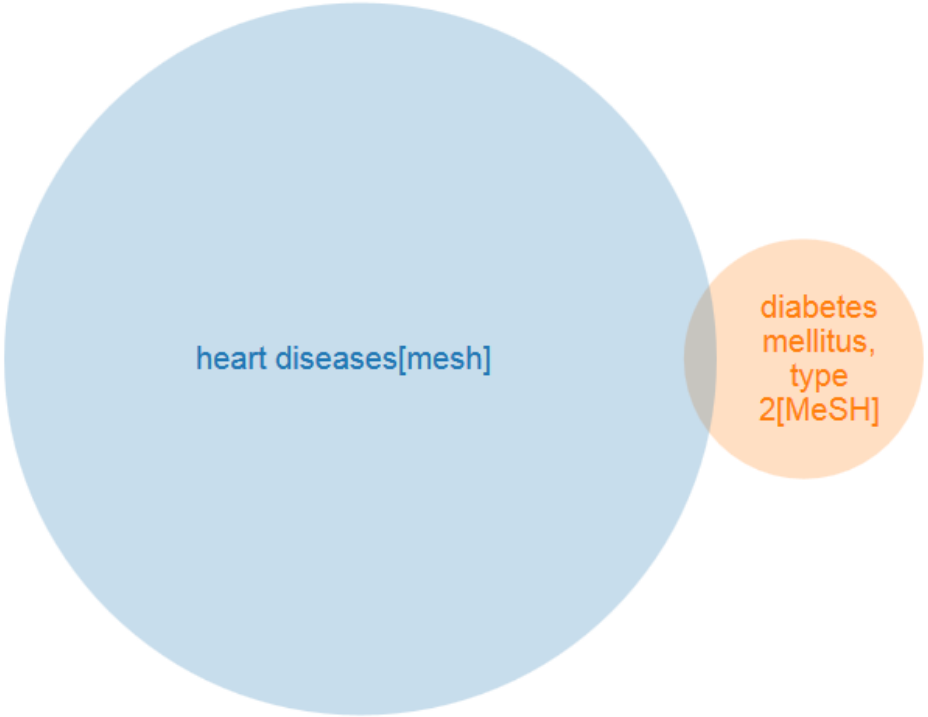

PubVenn: Visual PubMed Search
https://pubvenn.appspot.com
Search
PubVenn
About PubVenn
Search
Expanded subjects
PubVenn enables you to explore PubMed using venn diagrams. Enter any multi-term search above to see the relative size of the citation set for each term as well as how those sets interact.
For example, you can try simple searches such as smoking AND cancer or slightly more complex ones such as mosquito AND dengue AND caribbean.
Note: You can now use parantheses to group terms together in a search -- for example, depression AND (euthanasia OR assisted suicide)
Use the "expanded subjects" option to see the myriad of terms that PubMed translates your search into before it gets run, as with cancer [expanded] or heart disease [expanded]. Please note that due to the number of terms a search can get mapped to, the sets for expanded subjects can take a few seconds to render.

love AND death



Made with PubVenn: https://pubvenn.appspot.com/

heart diseases[mesh] AND diabetes mellitus, type 2[MeSH]



Made with PubVenn: https://pubvenn.appspot.com/

Can we show trends for a search over time?

Diabetes Mellitus, Type 2[mesh]

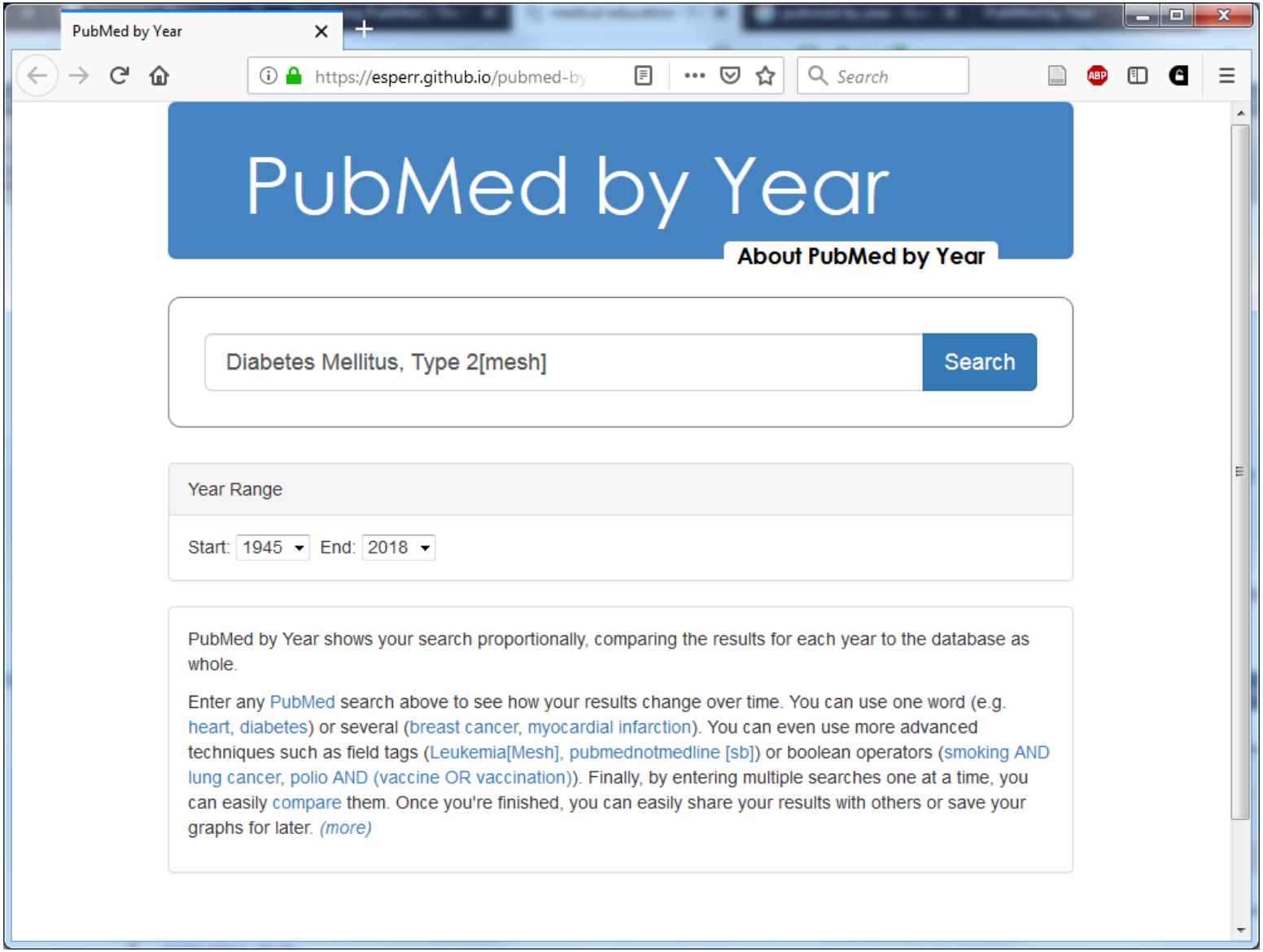
tuberculosis

heart diseases[mesh]

malaria

surgery

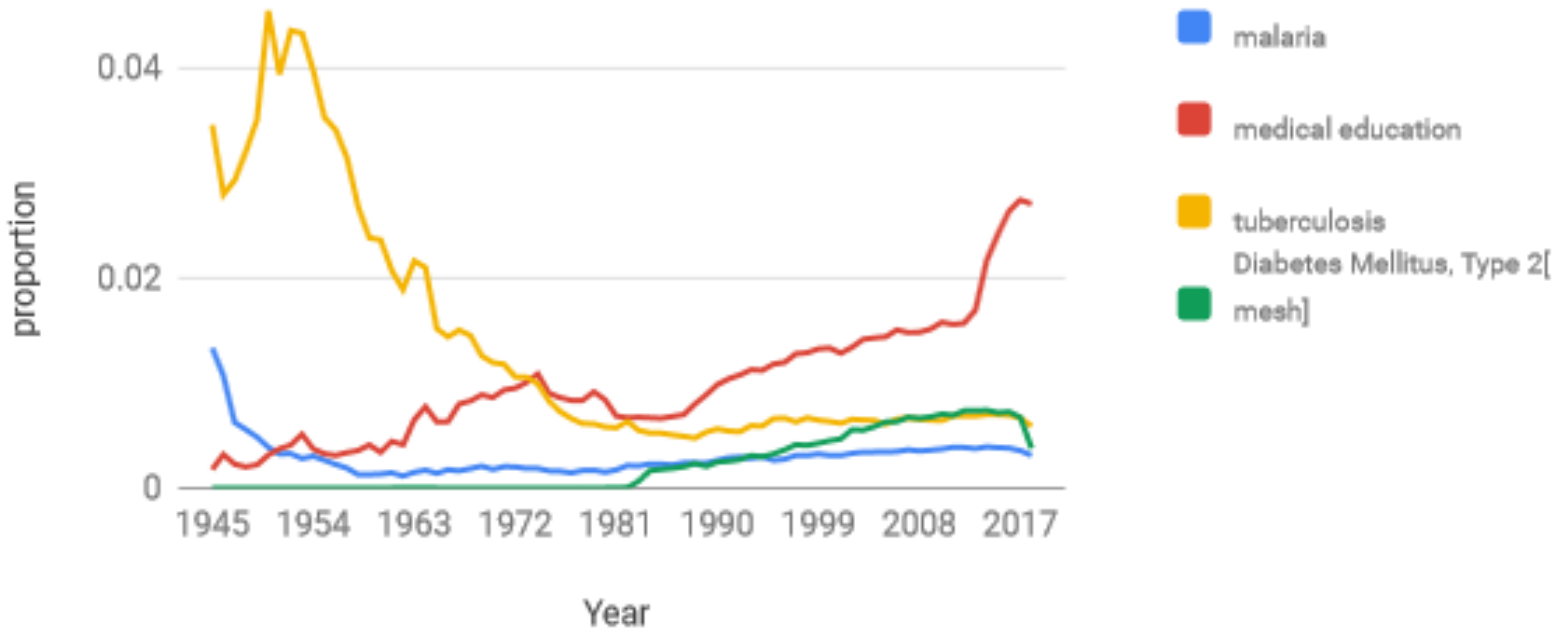
medical education


PubMed by Year
https://esperr.github.io/pubmed-by
Search
PubMed by Year
About PubMed by Year
Diabetes Mellitus, Type 2[mesh]
Search
Year Range
Start: 1945
End: 2018
PubMed by Year shows your search proportionally, comparing the results for each year to the database as whole.
Enter any PubMed search above to see how your results change over time. You can use one word (e.g. heart, diabetes) or several (breast cancer, myocardial infarction). You can even use more advanced techniques such as field tags (Leukemia[Mesh], pubmednotmedline [sb]) or boolean operators (smoking AND lung cancer, polio AND (vaccine OR vaccination)). Finally, by entering multiple searches one at a time, you can easily compare them. Once you're finished, you can easily share your results with others or save your graphs for later. (more)

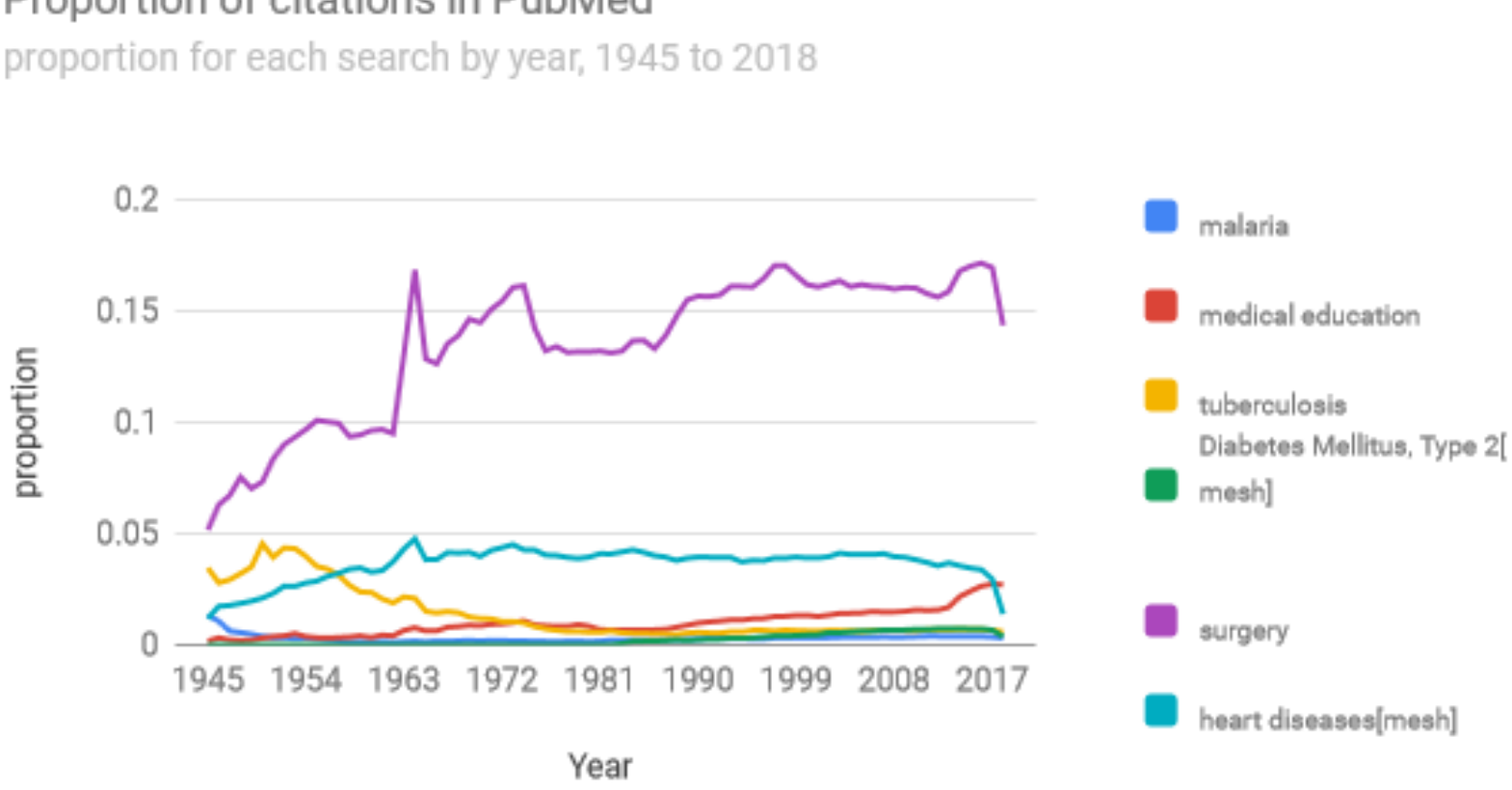

PubMed by Year
https://esperr.github.io/pubmed-by-year/?q1=Diabetes Mellitus
Search
Search
Start: 1945
End: 2018
Search again above to compare results on your chart. Choose "Reset Searches" below to start over.
Hover to see details for a given year. Click to launch a search in PubMed
Proportion of citations in PubMed
proportion for each search by year, 1945 to 2018
0.008
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
proportion
1945 1949 1953 1957 1961 1965 1969 1973 1977 1981 1985 1989 1993 1997 2001 2005 2009 2013 2017
Year
Diabetes Mellitus, Type 2[mesh]
Printable version
Share this search: Link
Reset Searches
Design and contruction by Ed Sperr, M.L.I.S. (ed_sperr@hotmail.com) | Data from NCBI | Charting tools from Google | See the code at GitHub

Proportion of citations in PubMed

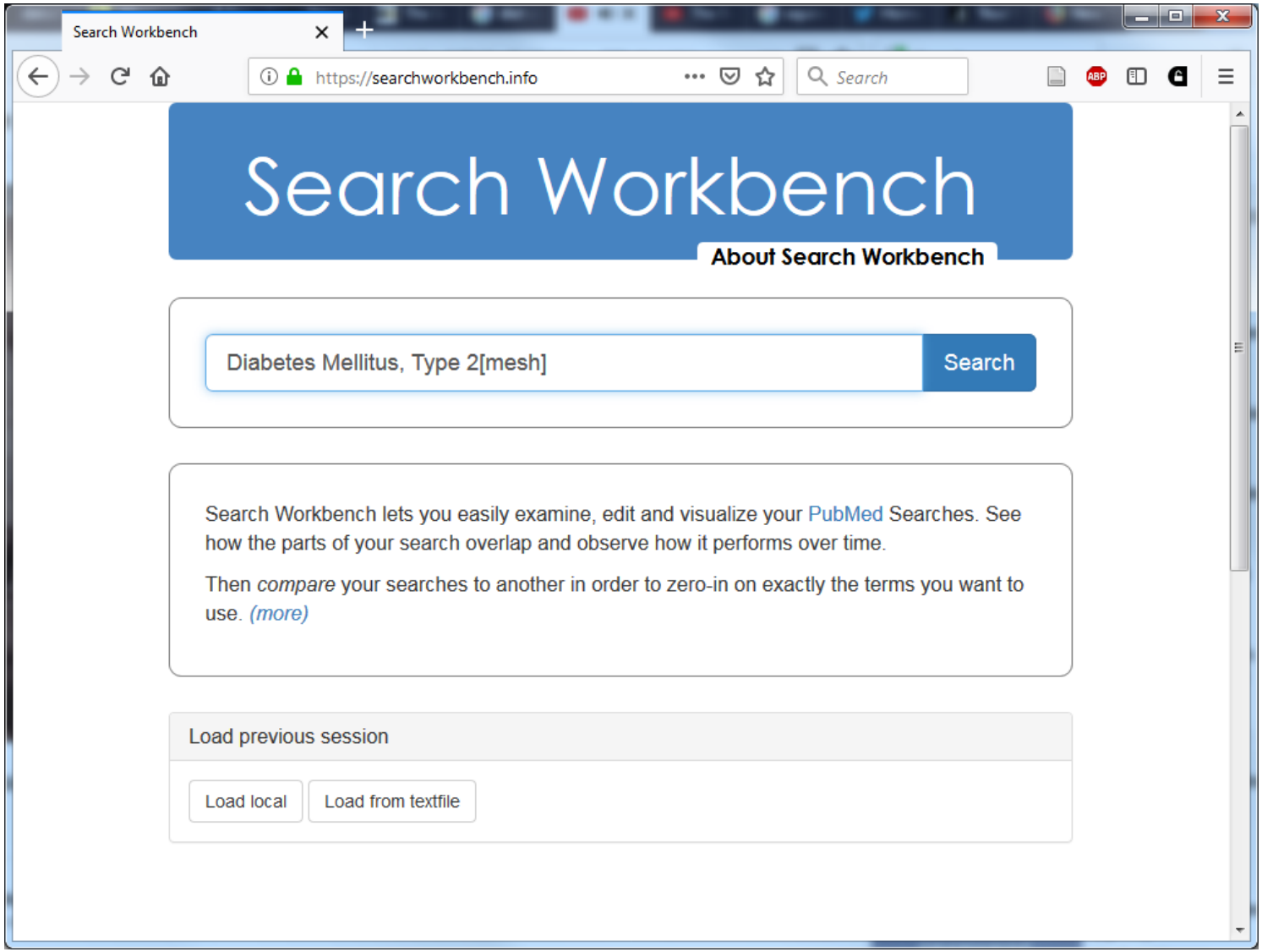
proportion for each search by year, 1945 to 2018

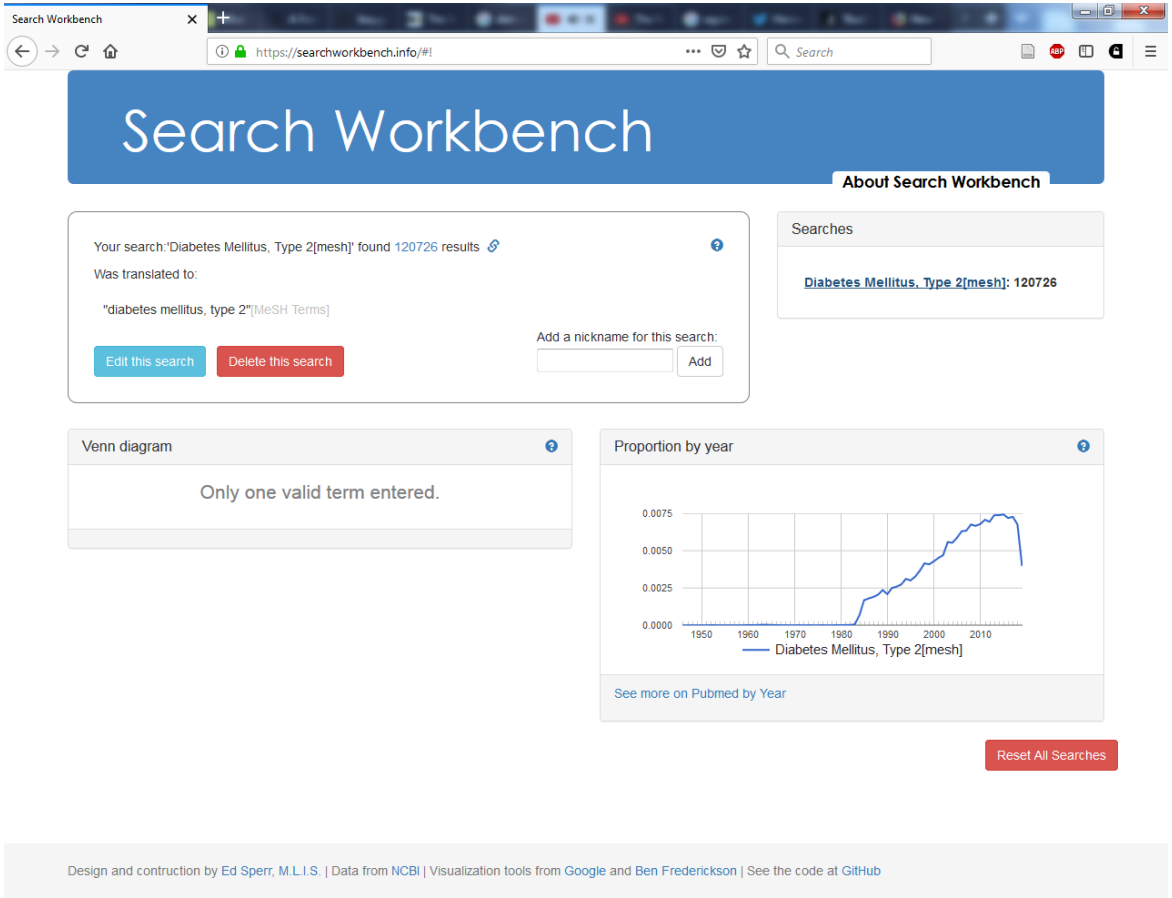


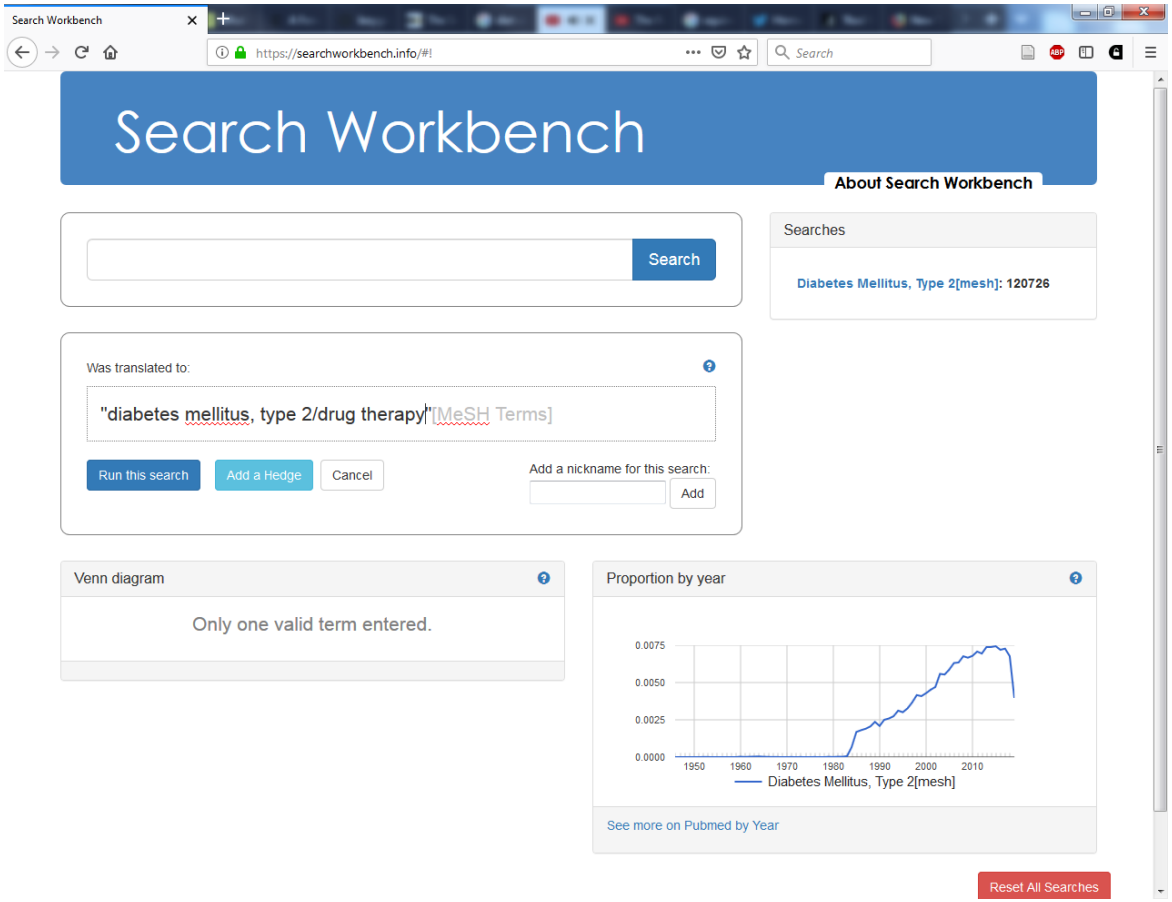
Made with PubMed by Year: http://esperr.github.io/pubmed-by-year


Proportion of citations in PubMed
proportion for each search by year, 1945 to 2018
0.2
0.15
0.1
0.05
0
proportion
1945
1954
1963
1972
1981
1990
1999
2008
2017
Year
malaria
medical education
tuberculosis
Diabetes Mellitus, Type 2[mesh]
surgery
heart diseases[mesh]
Made with PubMed by Year: http://esperr.github.io/pubmed-by-year

Is it useful to combine these techniques?


Search Workbench
https://searchworkbench.info
Search
Search Workbench
About Search Workbench
Diabetes Mellitus, Type 2[mesh]
Search
Search Workbench lets you easily examine, edit and visualize your PubMed Searches. See how the parts of your search overlap and observe how it performs over time.
Then compare your searches to another in order to zero-in on exactly the terms you want to use. (more)
Load previous session
Load local
Load from textfile


Search Workbench
https://searchworkbench.info/#!
Search
Search Workbench
About Search Workbench
Your search:'Diabetes Mellitus, Type 2[mesh]' found 120726 results
Was translated to:
"diabetes mellitus, type 2"[MeSH Terms]
Edit this search
Delete this search
Add a nickname for this search:
Add
Searches
Diabetes Mellitus, Type 2[mesh]: 120726
Venn diagram
Only one valid term entered.
Proportion by year
0.0075
0.0050
0.0025
0.0000
1950
1960
1970
1980
1990
2000
2010
Diabetes Mellitus, Type 2[mesh]
See more on Pubmed by Year
Reset All Searches
Design and contruction by Ed Sperr, M.L.I.S. | Data from NCBI | Visualization tools from Google and Ben Frederickson | See the code at GitHub


Search Workbench
https://searchworkbench.info/#!
Search
Search Workbench
About Search Workbench
Search
Searches
Diabetes Mellitus, Type 2[mesh]: 120726
Was translated to:
"diabetes mellitus, type 2/drug therapy"[MeSH Terms]
Run this search
Add a Hedge
Cancel
Add a nickname for this search:
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Venn diagram
Only one valid term entered.
Proportion by year
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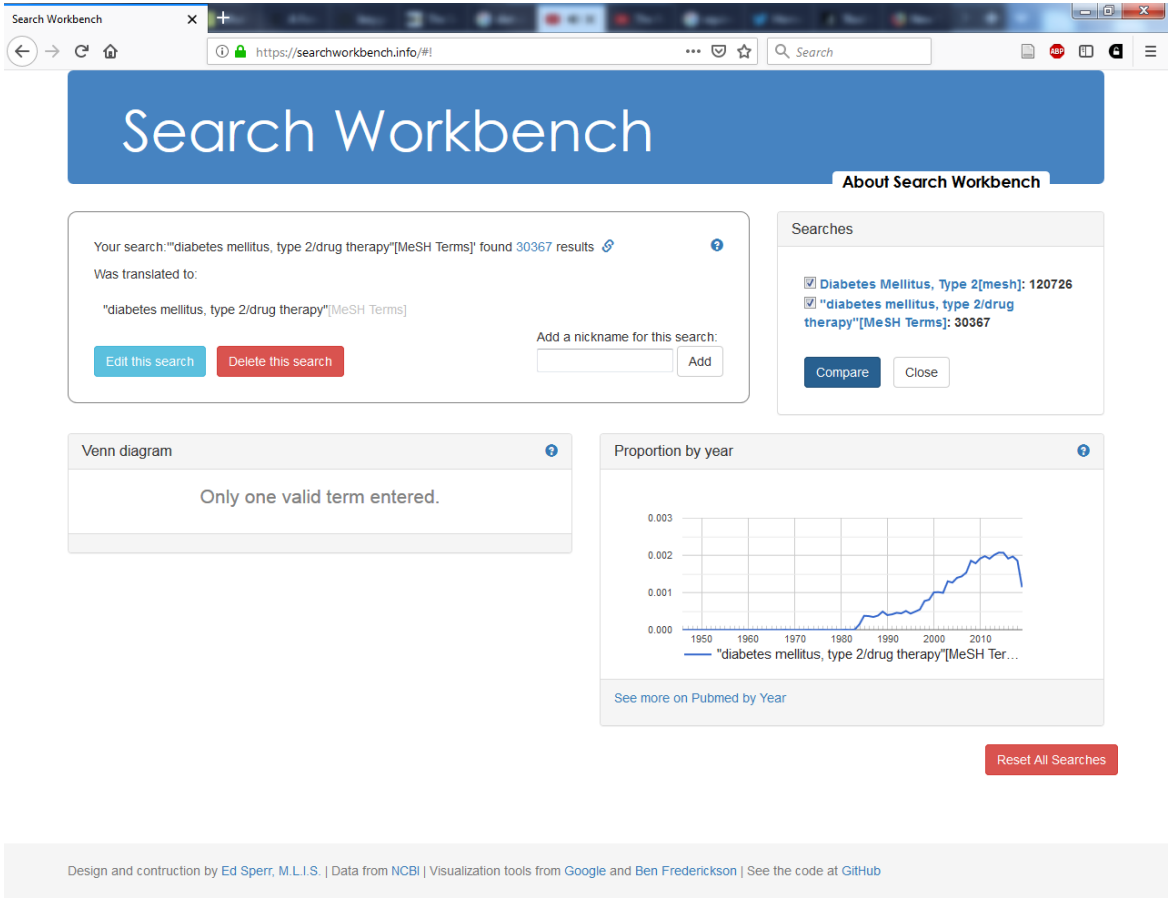
Diabetes Mellitus, Type 2[mesh]
See more on Pubmed by Year
Reset All Searches


Search Workbench
https://searchworkbench.info/#!
Search
Search Workbench
About Search Workbench
Your search:'"diabetes mellitus, type 2/drug therapy"[MeSH Terms]' found 30367 results
Was translated to:
"diabetes mellitus, type 2/drug therapy"[MeSH Terms]
Edit this search
Delete this search
Add a nickname for this search:
Add
Searches
Diabetes Mellitus, Type 2[mesh]: 120726
"diabetes mellitus, type 2/drug therapy"[MeSH Terms]: 30367
Compare
Close
Venn diagram
Only one valid term entered.
Proportion by year
0.003
0.002
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1950
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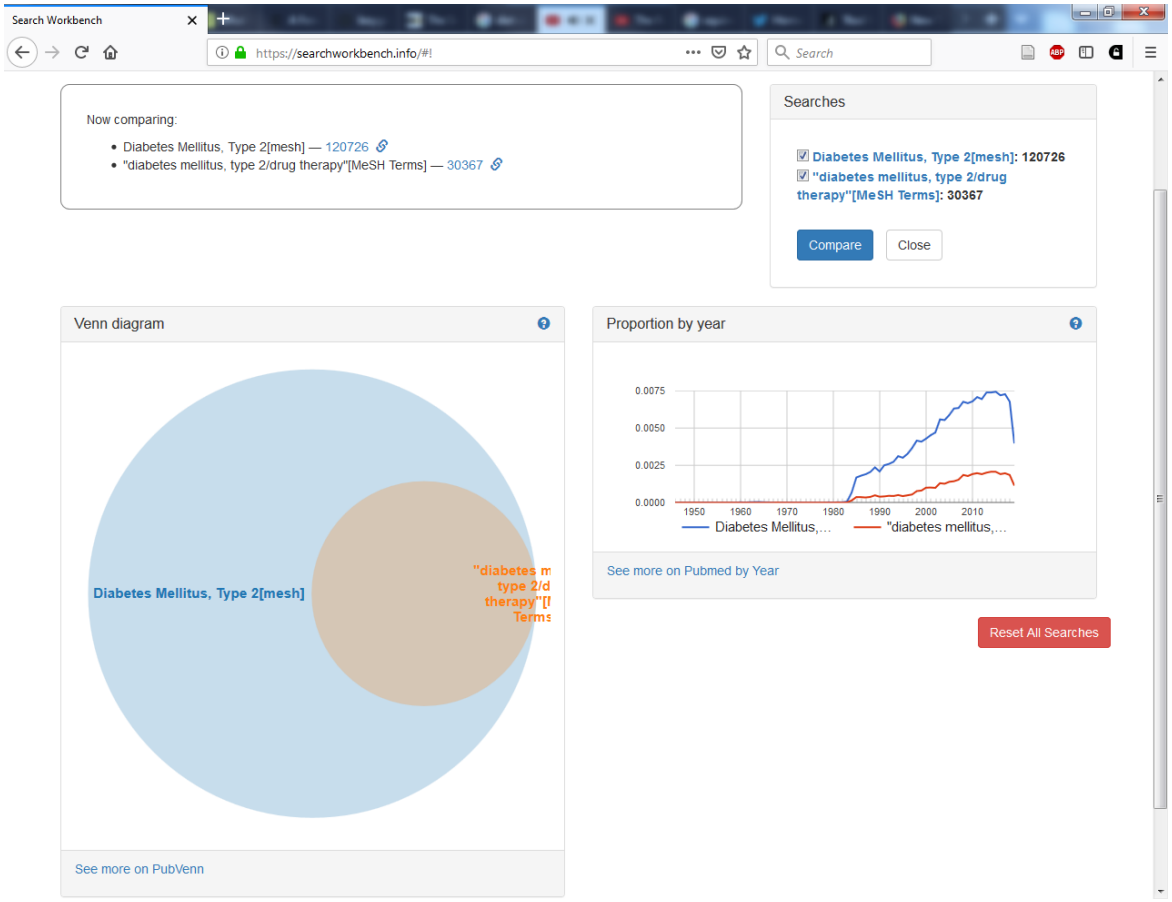
2010
"diabetes mellitus, type 2/drug therapy"[MeSH Ter…
See more on Pubmed by Year
Reset All Searches
Design and contruction by Ed Sperr, M.L.I.S. | Data from NCBI | Visualization tools from Google and Ben Frederickson | See the code at GitHub


Search Workbench
https://searchworkbench.info/#!
Search
Now comparing:
Diabetes Mellitus, Type 2[mesh] — 120726
"diabetes mellitus, type 2/drug therapy"[MeSH Terms] — 30367
Searches
Diabetes Mellitus, Type 2[mesh]: 120726
"diabetes mellitus, type 2/drug therapy"[MeSH Terms]: 30367
Compare
Close
Venn diagram
Diabetes Mellitus, Type 2[mesh]
"diabetes m
type 2/d
therapy"[
Terms
See more on PubVenn
Proportion by year
0.0075
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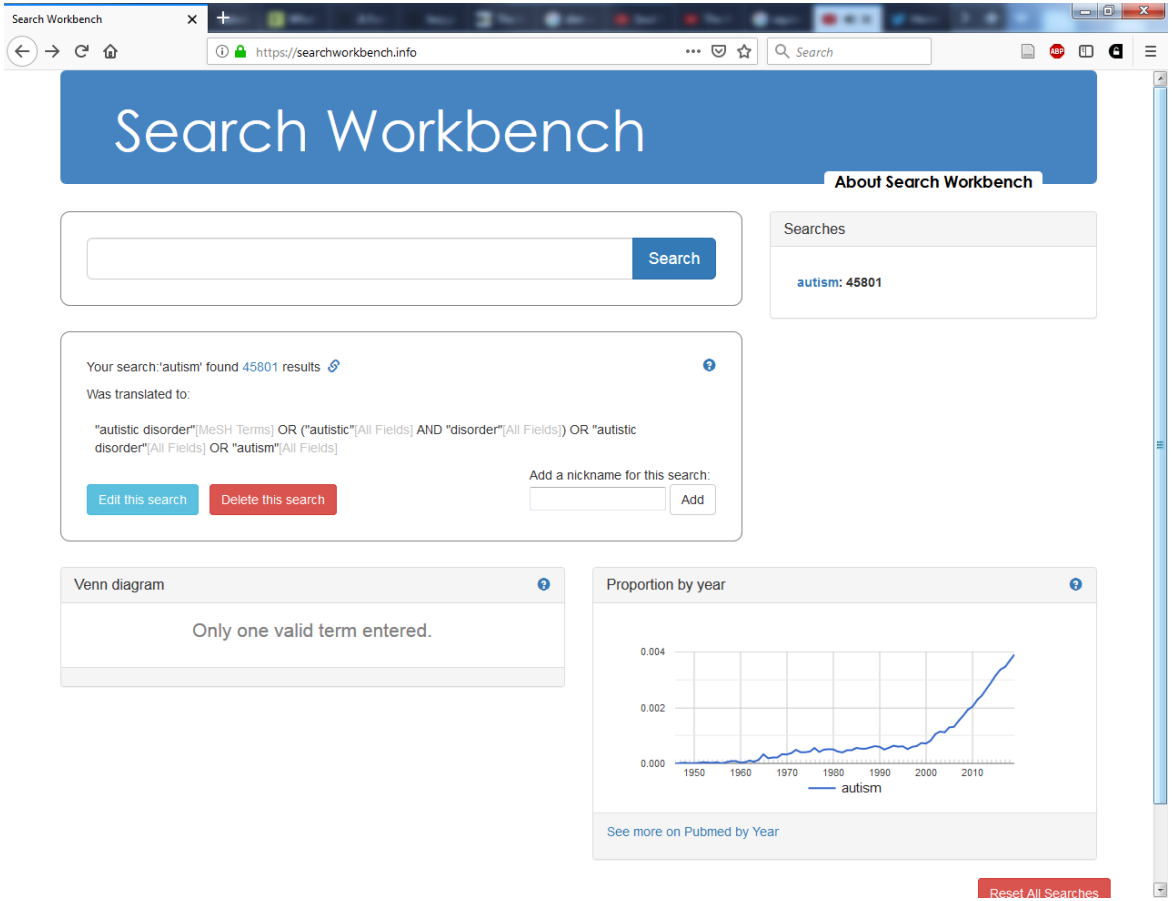
Diabetes Mellitus,...
"diabetes mellitus,...
See more on Pubmed by Year
Reset All Searches


Search Workbench
https://searchworkbench.info
Search
Search Workbench
About Search Workbench
Search
Searches
autism: 45801
Your search:'autism' found 45801 results
Was translated to:
"autistic disorder"[MeSH Terms] OR ("autistic"[All Fields] AND "disorder"[All Fields]) OR "autistic disorder"[All Fields] OR "autism"[All Fields]
Edit this search
Delete this search
Add a nickname for this search:
Add
Venn diagram
Only one valid term entered.
Proportion by year
0.004
0.002
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1950
1960
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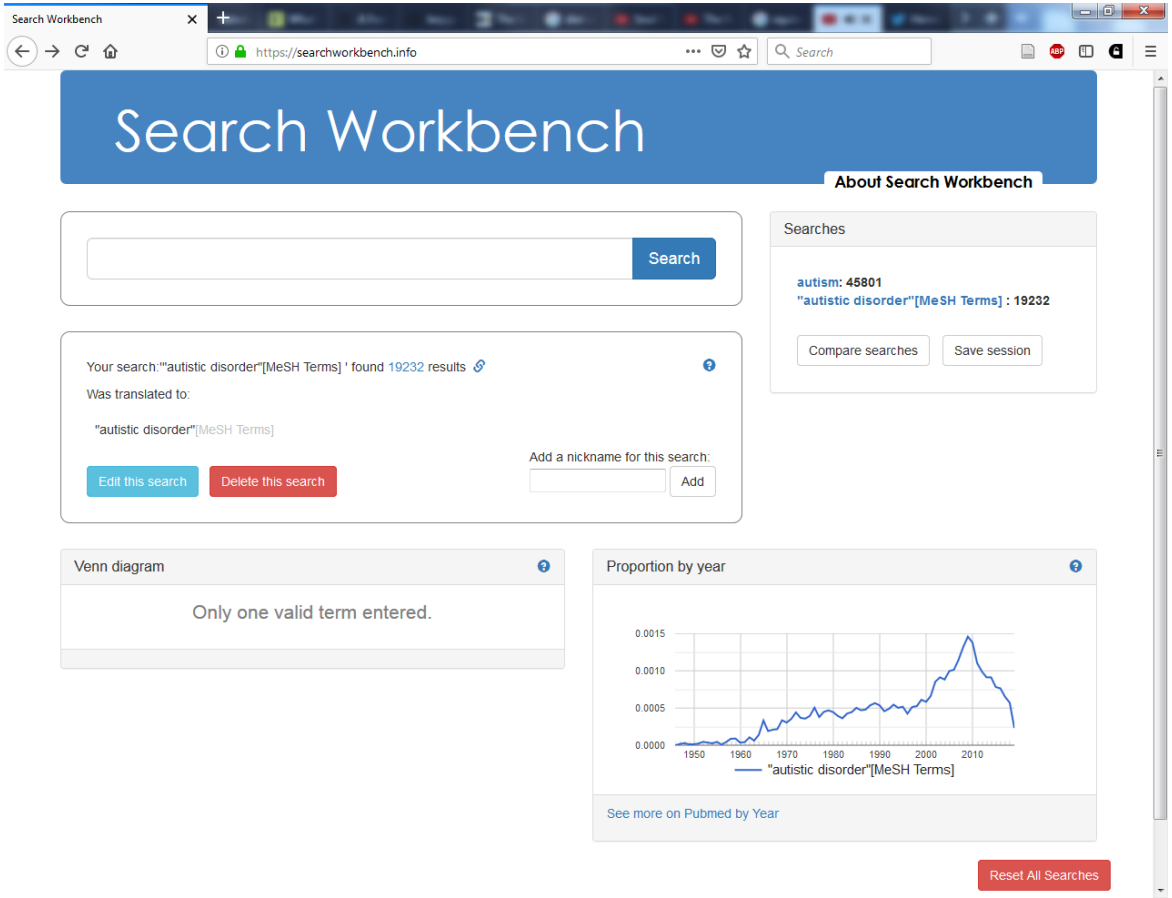
2010
autism
See more on Pubmed by Year
Reset All Searches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Search
Searches
autism: 45801
"autistic disorder"[MeSH Terms] : 19232
Compare searches
Save session
Your search:'"autistic disorder"[MeSH Terms] ' found 19232 results
Was translated to:
"autistic disorder"[MeSH Terms]
Edit this search
Delete this search
Add a nickname for this search:
Add
Venn diagram
Only one valid term entered.
Proportion by year
0.0015
0.0010
0.0005
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1950
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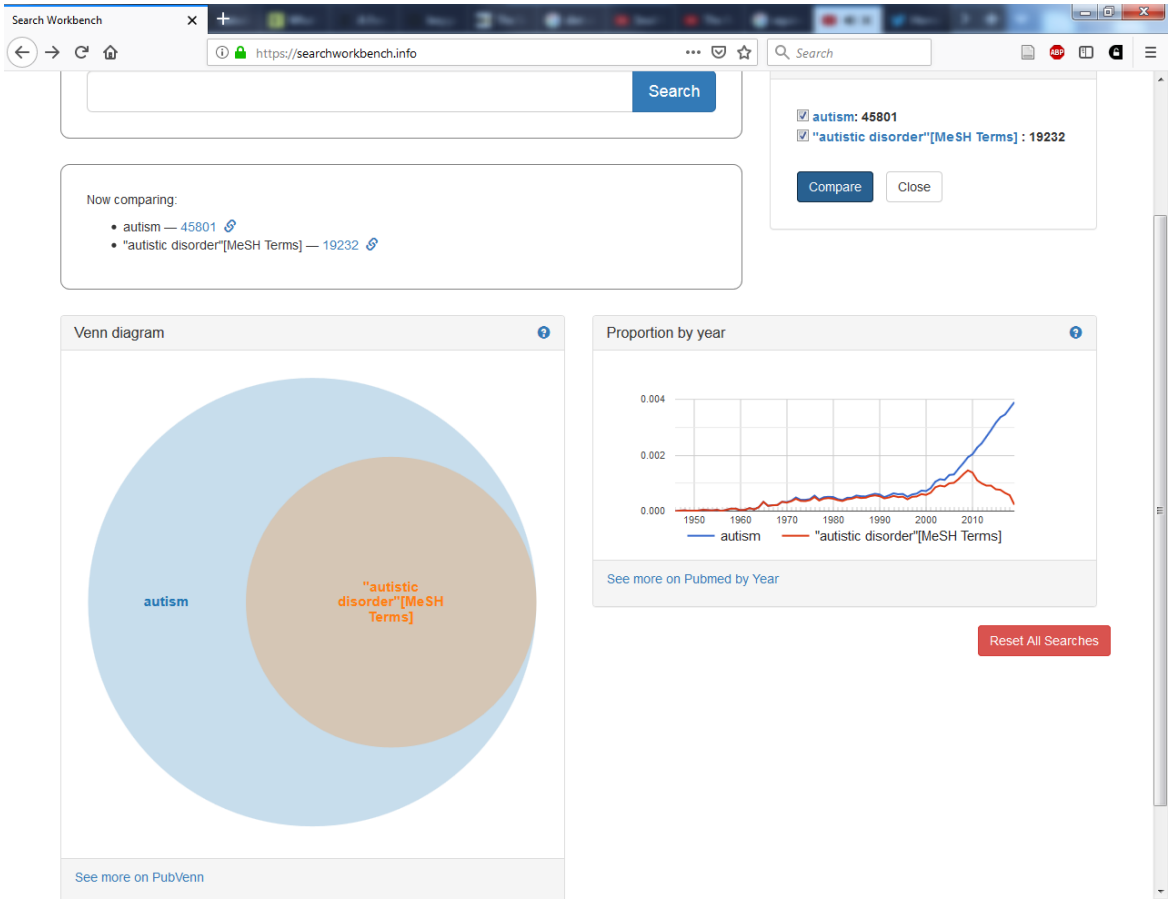
"autistic disorder"[MeSH Terms]
See more on Pubmed by Year
Reset All Searches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Compare
Close
Now comparing:
autism — 45801
"autistic disorder"[MeSH Terms] — 19232
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Proportion by year
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"autistic disorder"[MeSH Terms]
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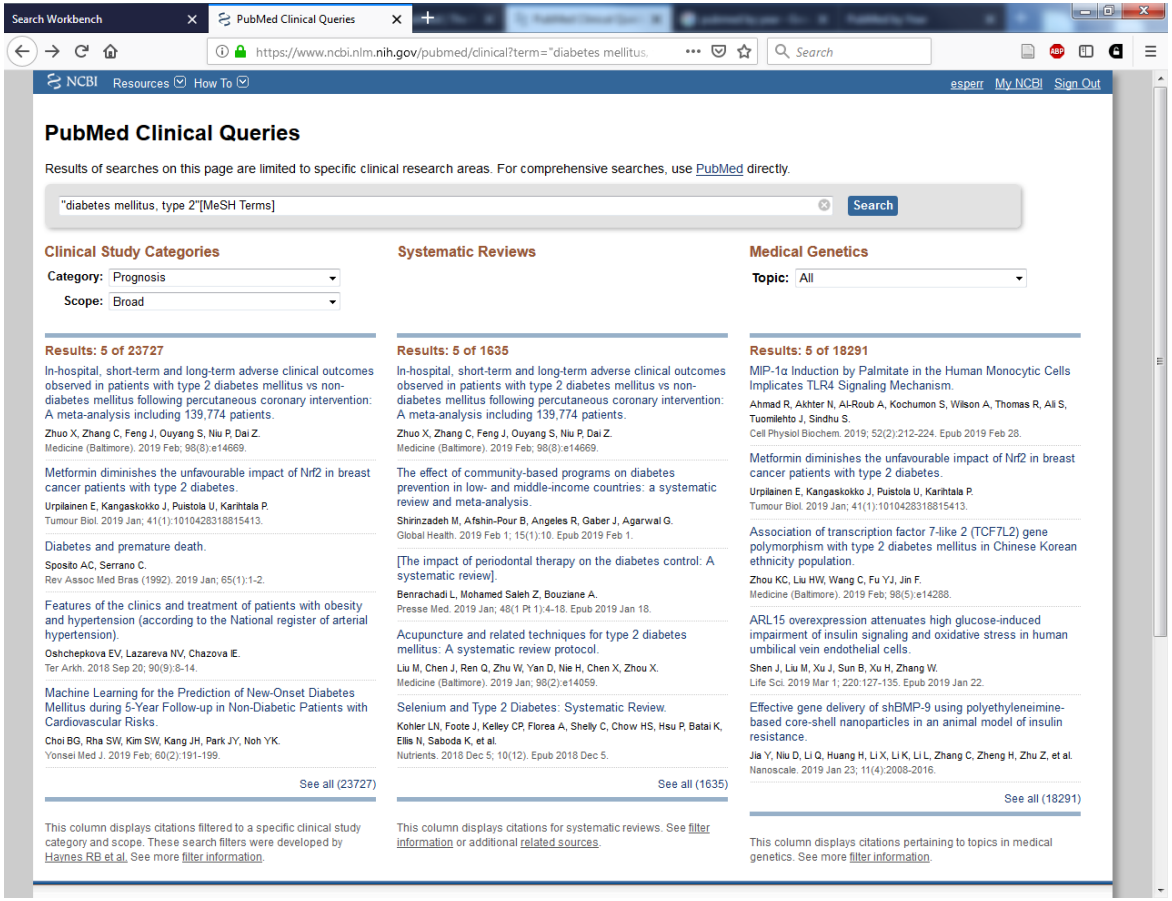
Reset All Searches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Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use PubMed directly.
"diabetes mellitus, type 2"[MeSH Terms]
Search
Clinical Study Categories
Category: Prognosis
Scope: Broad
Results: 5 of 23727
In-hospital, short-term and long-term adverse clinical outcomes observed in patients with type 2 diabetes mellitus vs non-diabetes mellitus following percutaneous coronary intervention: A meta-analysis including 139,774 patients.
Zhuo X, Zhang C, Feng J, Ouyang S, Niu P, Dai Z.
Medicine (Baltimore). 2019 Feb; 98(8):e14669.
Metformin diminishes the unfavourable impact of Nrf2 in breast cancer patients with type 2 diabetes.
Urpilainen E, Kangaskokko J, Puistola U, Karihtala P.
Tumour Biol. 2019 Jan; 41(1):1010428318815413.
Diabetes and premature death.
Sposito AC, Serrano C.
Rev Assoc Med Bras (1992). 2019 Jan; 65(1):1-2.
Features of the clinics and treatment of patients with obesity and hypertension (according to the National register of arterial hypertension).
Oshchepkova EV, Lazareva NV, Chazova IE.
Ter Arkh. 2018 Sep 20; 90(9):8-14.
Machine Learning for the Prediction of New-Onset Diabetes Mellitus during 5-Year Follow-up in Non-Diabetic Patients with Cardiovascular Risks.
Choi BG, Rha SW, Kim SW, Kang JH, Park JY, Noh YK.
Yonsei Med J. 2019 Feb; 60(2):191-199.
See all (23727)
This column displays citations filtered to a specific clinical study category and scope. These search filters were developed by Haynes RB et al. See more filter information.
Systematic Reviews
Results: 5 of 1635
In-hospital, short-term and long-term adverse clinical outcomes observed in patients with type 2 diabetes mellitus vs non-diabetes mellitus following percutaneous coronary intervention: A meta-analysis including 139,774 patients.
Zhuo X, Zhang C, Feng J, Ouyang S, Niu P, Dai Z.
Medicine (Baltimore). 2019 Feb; 98(8):e14669.
The effect of community-based programs on diabetes prevention in low- and middle-income countries: a systematic review and meta-analysis.
Shirinzadeh M, Afshin-Pour B, Angeles R, Gaber J, Agarwal G.
Global Health. 2019 Feb 1; 15(1):10. Epub 2019 Feb 1.
[The impact of periodontal therapy on the diabetes control: A systematic review].
Benrachadi L, Mohamed Saleh Z, Bouziane A.
Presse Med. 2019 Jan; 48(1 Pt 1):4-18. Epub 2019 Jan 18.
Acupuncture and related techniques for type 2 diabetes mellitus: A systematic review protocol.
Liu M, Chen J, Ren Q, Zhu W, Yan D, Nie H, Chen X, Zhou X.
Medicine (Baltimore). 2019 Jan; 98(2):e14059.
Selenium and Type 2 Diabetes: Systematic Review.
Kohler LN, Foote J, Kelley CP, Florea A, Shelly C, Chow HS, Hsu P, Batai K, Ellis N, Saboda K, et al.
Nutrients. 2018 Dec 5; 10(12). Epub 2018 Dec 5.
See all (1635)
This column displays citations for systematic reviews. See filter information or additional related sources.
Medical Genetics
Topic: All
Results: 5 of 18291
MIP-1α Induction by Palmitate in the Human Monocytic Cells Implicates TLR4 Signaling Mechanism.
Ahmad R, Akhter N, Al-Roub A, Kochumon S, Wilson A, Thomas R, Ali S, Tuomilehto J, Sindhu S.
Cell Physiol Biochem. 2019; 52(2):212-224. Epub 2019 Feb 28.
Metformin diminishes the unfavourable impact of Nrf2 in breast cancer patients with type 2 diabetes.
Urpilainen E, Kangaskokko J, Puistola U, Karihtala P.
Tumour Biol. 2019 Jan; 41(1):1010428318815413.
Association of transcription factor 7-like 2 (TCF7L2) gene polymorphism with type 2 diabetes mellitus in Chinese Korean ethnicity population.
Zhou KC, Liu HW, Wang C, Fu YJ, Jin F.
Medicine (Baltimore). 2019 Feb; 98(5):e14288.
ARL15 overexpression attenuates high glucose-induced impairment of insulin signaling and oxidative stress in human umbilical vein endothelial cells.
Shen J, Liu M, Xu J, Sun B, Xu H, Zhang W.
Life Sci. 2019 Mar 1; 220:127-135. Epub 2019 Jan 22.
Effective gene delivery of shBMP-9 using polyethyleneimine-based core-shell nanoparticles in an animal model of insulin resistance.
Jia Y, Niu D, Li Q, Huang H, Li X, Li K, Li L, Zhang C, Zheng H, Zhu Z, et al.
Nanoscale. 2019 Jan 23; 11(4):2008-2016.
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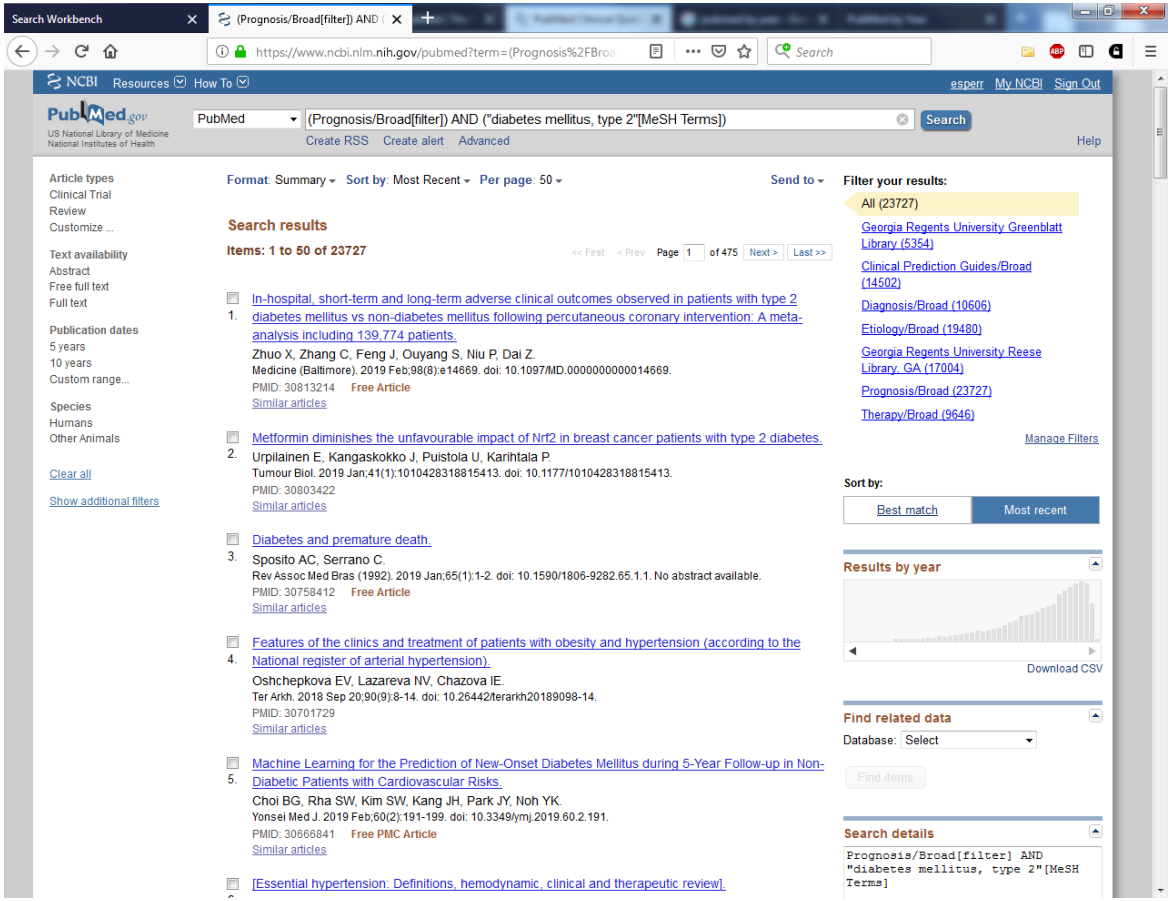
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https://www.ncbi.nlm.nih.gov/pubmed?term=(Prognosis%2FBroa
Search
NCBI Resources How To
esperr My NCBI Sign Out
PubMed.gov
US National Library of Medicine
National Institutes of Health
PubMed
(Prognosis/Broad[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms])
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Help
Article types
Clinical Trial
Review
Customize ...
Text availability
Abstract
Free full text
Full text
Publication dates
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10 years
Custom range...
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1. In-hospital, short-term and long-term adverse clinical outcomes observed in patients with type 2 diabetes mellitus vs non-diabetes mellitus following percutaneous coronary intervention: A meta-analysis including 139,774 patients.
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Therapy/Broad (9646)
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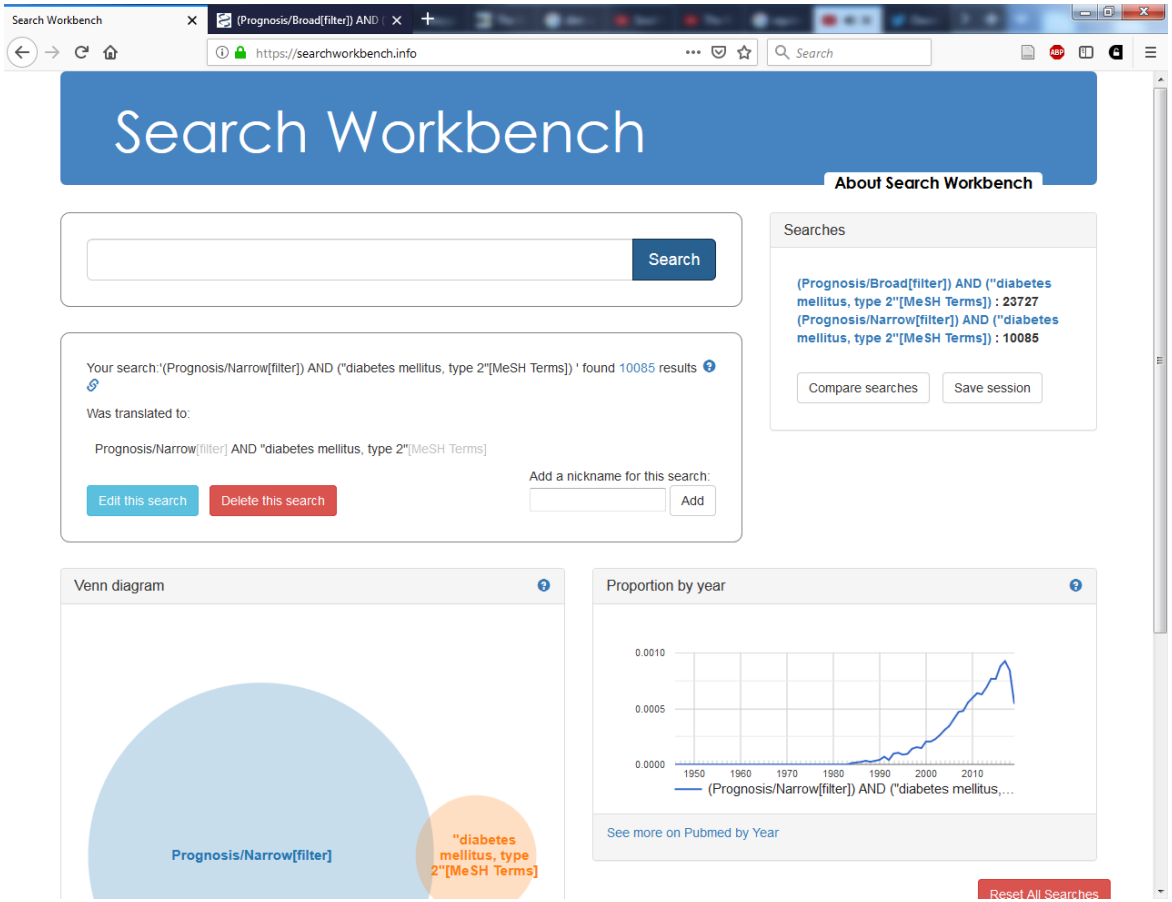
Database: Select
Find items
Search details
Prognosis/Broad[filter] AND "diabetes mellitus, type 2"[MeSH Terms]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About Search Workbench
Search
Searches
(Prognosis/Broad[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) : 23727
(Prognosis/Narrow[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) : 10085
Compare searches
Save session
Your search:'(Prognosis/Narrow[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) ' found 10085 results
Was translated to:
Prognosis/Narrow[filter] AND "diabetes mellitus, type 2"[MeSH Terms]
Edit this search
Delete this search
Add a nickname for this search:
Add
Venn diagram
Prognosis/Narrow[filter]
"diabetes mellitus, type 2"[MeSH Terms]
Proportion by year
0.0010
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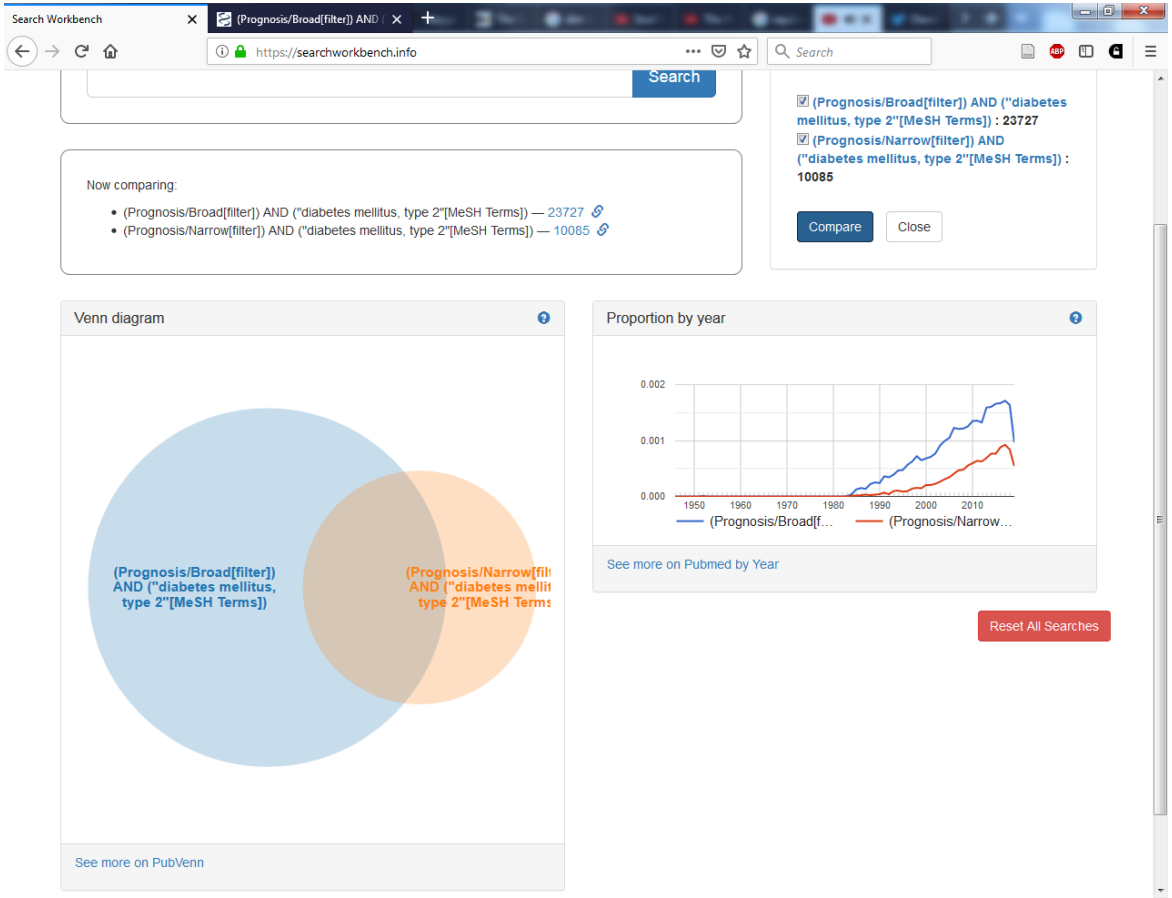
(Prognosis/Narrow[filter]) AND ("diabetes mellitus,...
See more on Pubmed by Year
Reset All Searches


Search Workbench
(Prognosis/Broad[filter]) AND
https://searchworkbench.info
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Search
(Prognosis/Broad[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) : 23727
(Prognosis/Narrow[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) : 10085
Now comparing:
(Prognosis/Broad[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) — 23727
(Prognosis/Narrow[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms]) — 10085
Compare
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Venn diagram
(Prognosis/Broad[filter]) AND ("diabetes mellitus, type 2"[MeSH Terms])
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See more on PubVenn
Proportion by year
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(Prognosis/Narrow…
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Reset All Searches

Questions?

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https://searchworkbench.info/

https://github.com/esperr

esperr@uga.edu