Search Workbench:

Building, Refining, and Comparing PubMed Searches Using Interactive Visualizations

Edwin Sperr, MLIS, AHIP
Clinical Information Librarian

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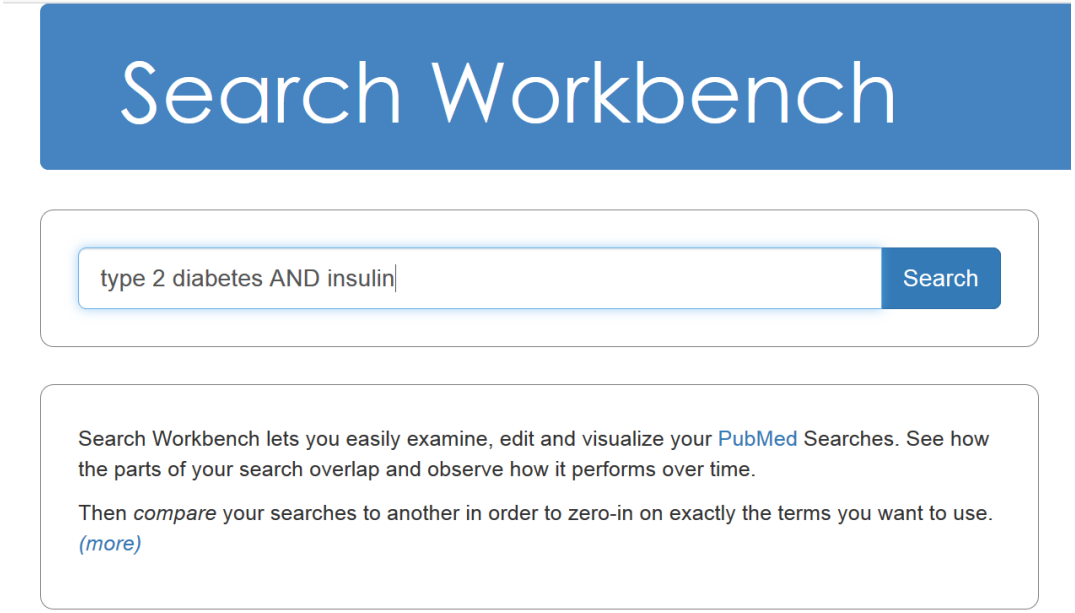

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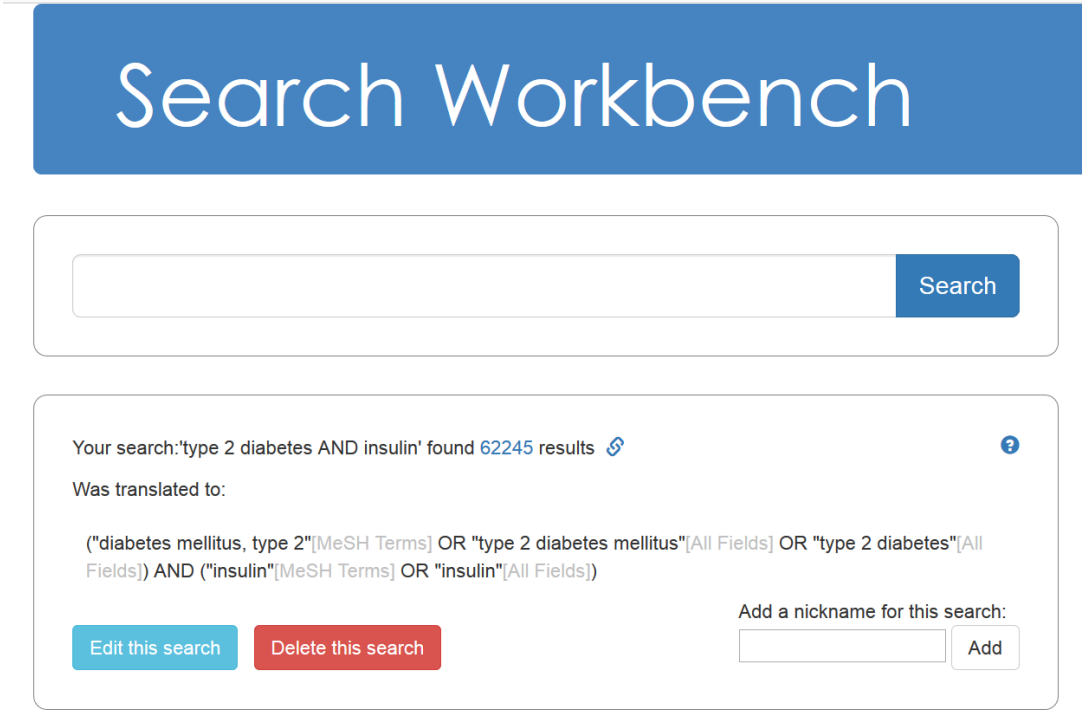

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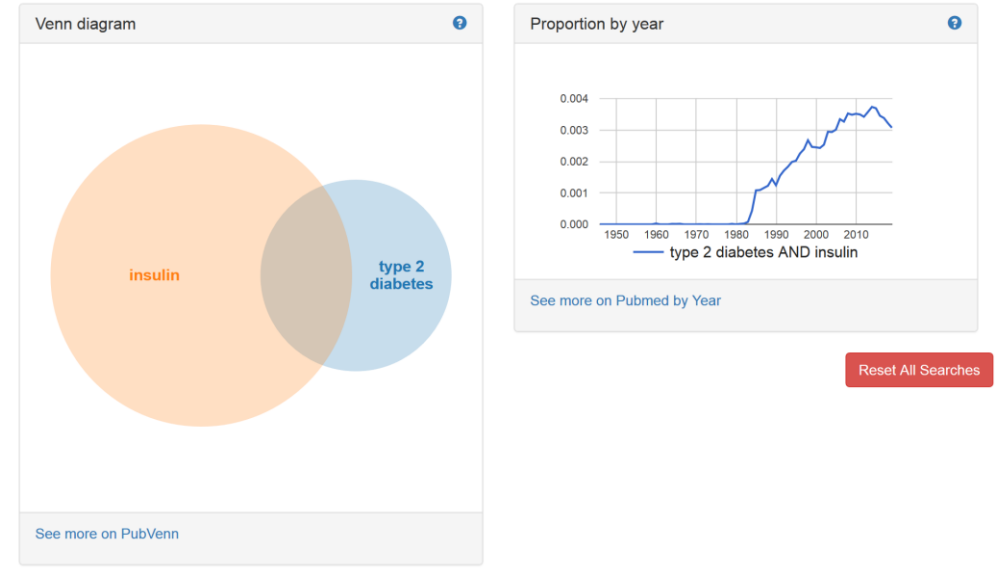

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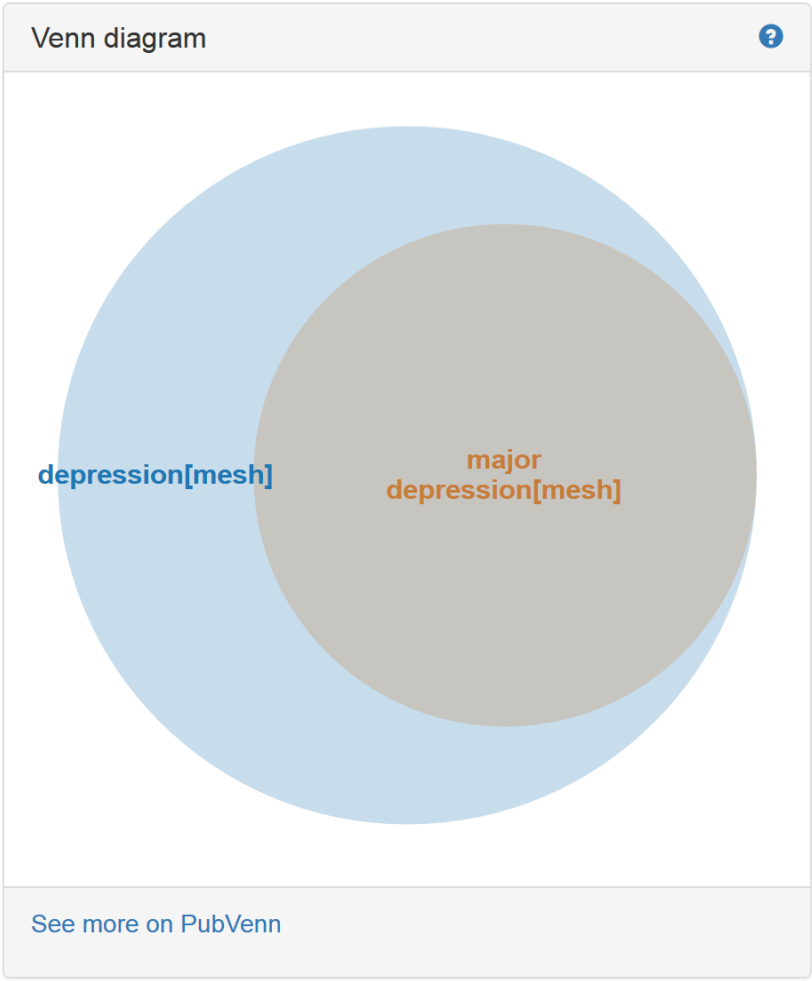
How?

- Browser + JavaScript
- NCBI E-utilities API
  - https://dataguide.nlm.nih.gov/
- JS libraries for visualization

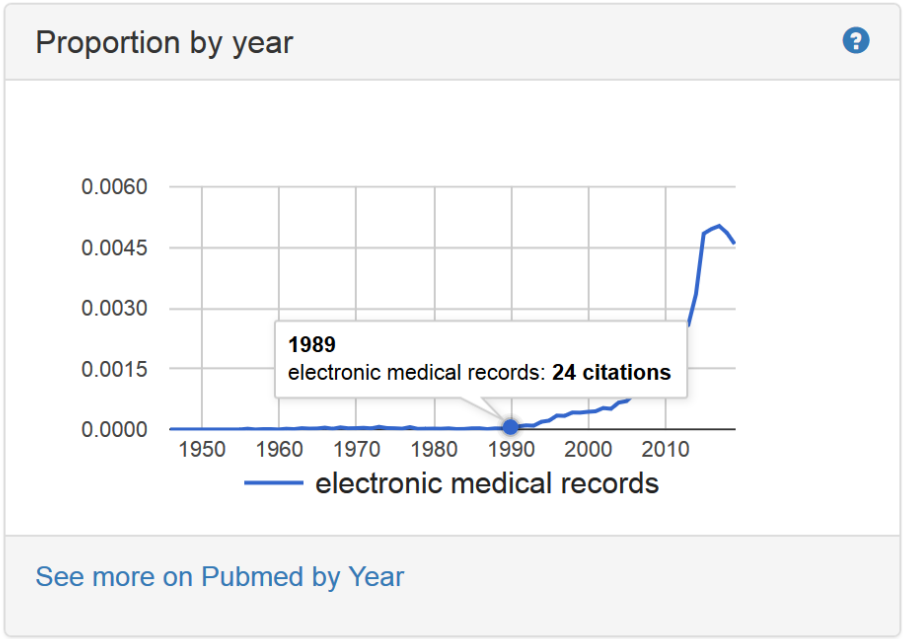
Refining a search visually

"depression[mesh] OR major depression[mesh]"



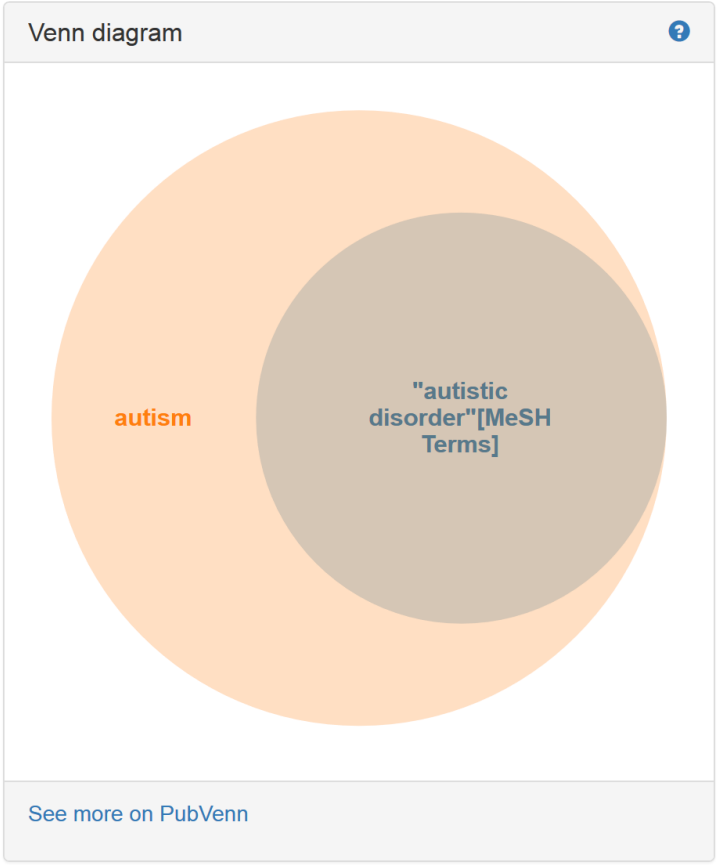
Refining a search visually

"electronic medical records"



Comparisons can be useful

“autism”
vs.
“autistic disorder[mesh]”



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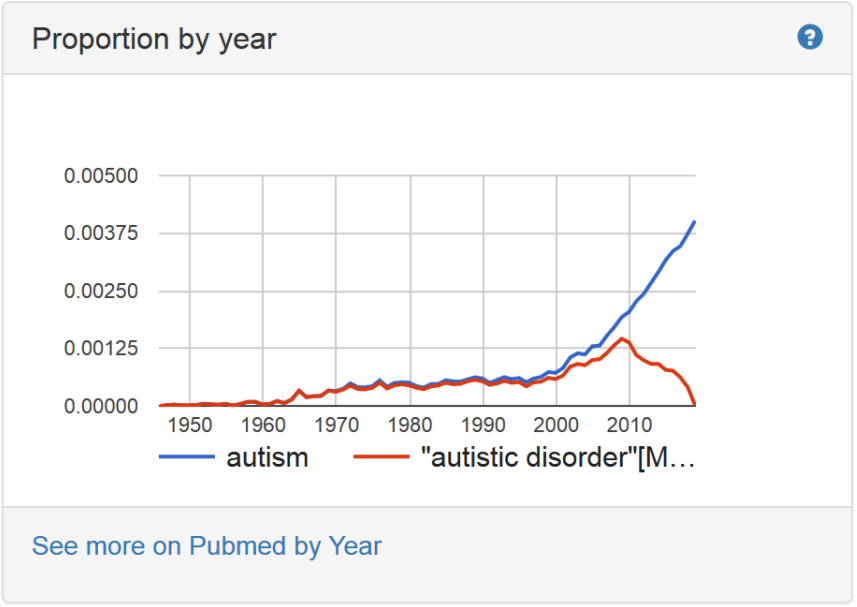
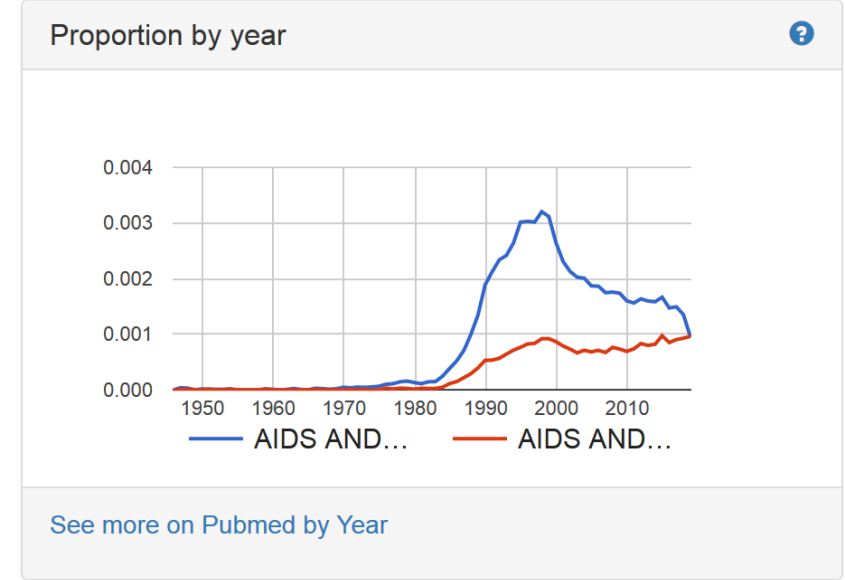


Comparisons can be useful

"AIDS AND prognosis/broad[filter]"
vs.
"AIDS AND prognosis/narrow[filter]"



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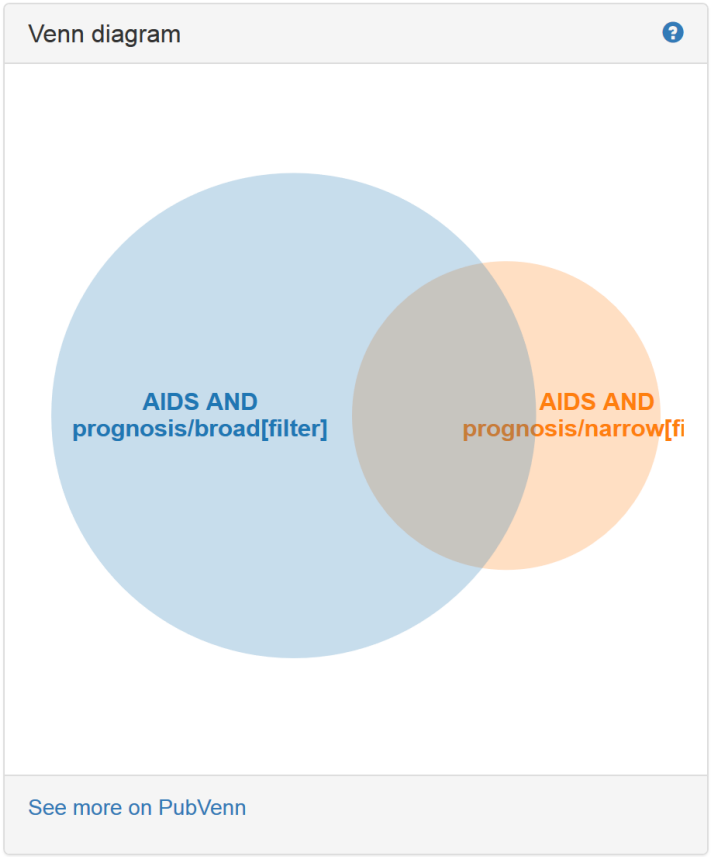

Comparisons can be useful

https://searchworkbench.info