Search Workbench: Building, Refining, and Comparing PubMed Searches Using Interactive Visualizations

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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.

(type 2 diabetes AND insulin)
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How?
- Browser + JavaScript
- NCBI E-utilities API
- 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]”
Comparisons can be useful

“autism”
vs.
“autistic disorder[mesh]”
Comparisons can be useful

“AIDS AND prognosis/broad[filter]” vs. “AIDS AND prognosis/narrow[filter]”
Comparisons can be useful

“AIDS AND prognosis/broad[filter]” vs. “AIDS AND prognosis/narrow[filter]”
Comparisons can be useful

https://searchworkbench.info