

Formulating a Query

- What's been done?
 - Query formulation, information need studied extensively in **library sciences** [47, 77]
- What's the gap?



No **strict** framework for **predicting effectiveness** of Boolean queries prior to the screening phase

[47] Gary Marchionini. Information Seeking in Electronic Environment, volume 9. Cambridge University Press, 01 1996. ISBN 0-521-44372-5.

[77] Eero Sormunen. A novel method for the evaluation of boolean query effectiveness across a wide operational range. In Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval, pages 25–32. ACM, 2000.

Search Strategies

THESE AREN'T YOUR NORMAL BOOLEAN QUERIES

1. (adrenergic* and antagonist*).tw.
2. (adrenergic* and block\$).tw.
3. (adrenergic* and beta-receptor*).tw.
4. (beta-adrenergic* and block*).tw.
5. (beta-blocker* and adrenergic*).tw.
6. (blockader*.tw. or Propranolol/ or Sotalol/)
7. or/1-6
8. Lung Diseases, Obstructive/
9. exp Pulmonary Disease, Chronic Obstructive/
10. emphysema*.tw.
11. (chronic* adj3 bronchiti*).tw.
12. (obstruct*.tw. adj3 (lung* or airway*).tw.)
13. COPD.tw.
14. COAD.tw.
15. COBD.tw.
16. AECB.tw.
17. or/8-16
18. 7 and 17