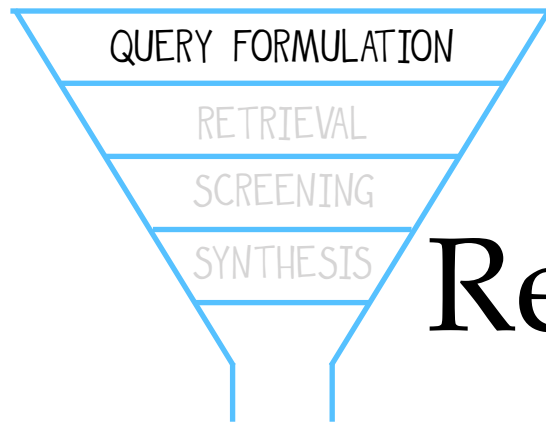


Overall Research Question

- RQ: *How can information retrieval be used to improve the retrieval of literature for medical systematic reviews?*
- The query formulation and screening process contribute to a significant amount of time and money
- Novelty of this research: IR not yet applied — mainly ML
- “Improve” is defined by the sub-RQ’s:



Research Question 1 - Querying

- RQ1: *How to generate effective queries for systematic reviews?*
 - **Predict** the effectiveness of Boolean queries with QPPs
 - **Transform** Boolean queries
 - **Generate** Boolean queries