

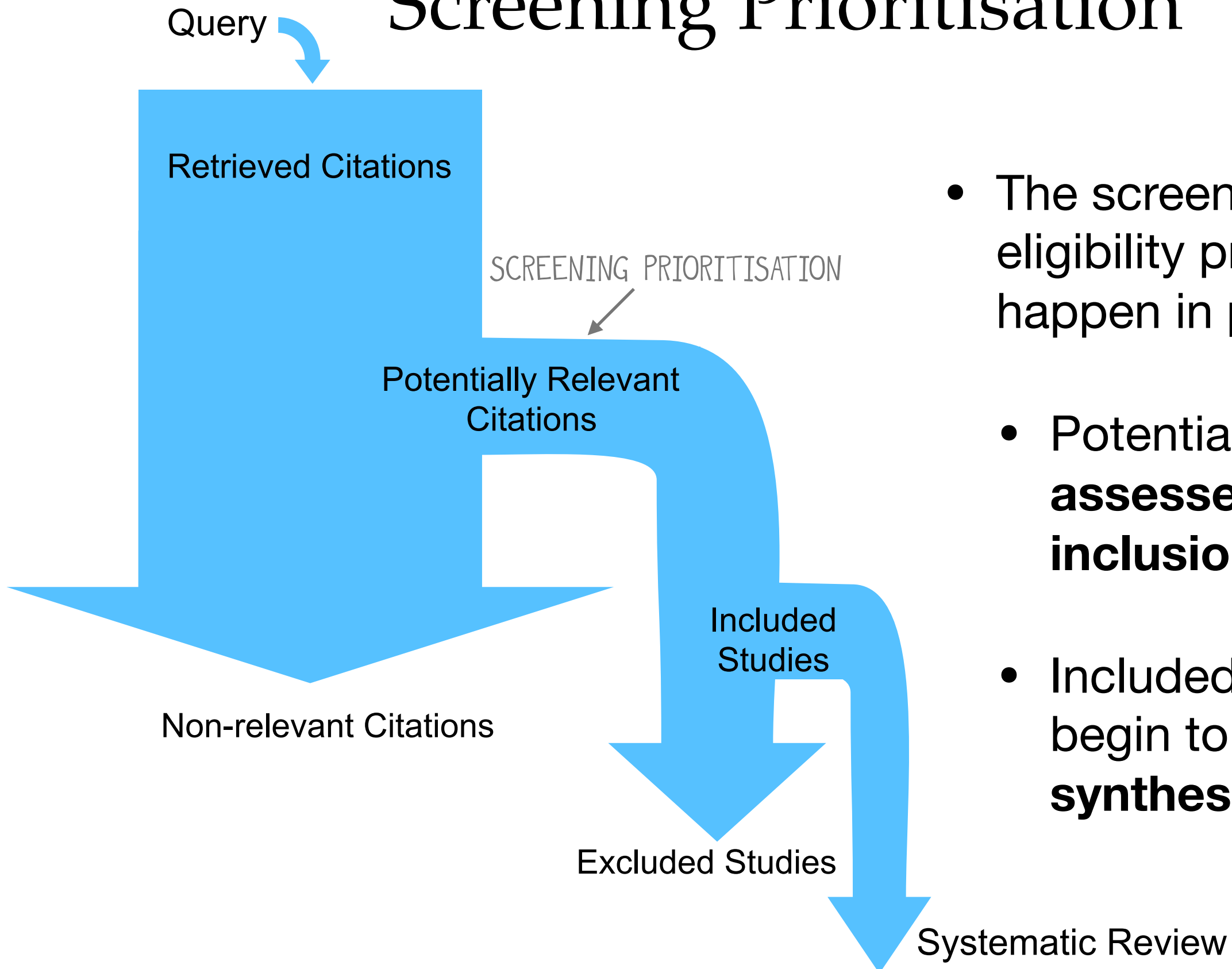
Screening Prioritisation

- Screening prioritisation can be thought of in information retrieval terms as **ranking**
 - Although there are other forms of screening prioritisation, e.g. **active learning** [52]
- The Boolean retrieval model considers all documents retrieved **equivalent in terms of relevance** [21]
- **What about a machine learning approach?**

[52] Makoto Miwa, James Thomas, Alison O'Mara-Eves, and Sophia Ananiadou. Reducing systematic review workload through certainty-based screening. *Journal of Biomedical Informatics*, 51:242–253, 2014.

[21] W Bruce Croft, Donald Metzler, and Trevor Strohman. *Search engines: Information retrieval in practice*, volume 283. Addison-Wesley Reading, 2010.

Screening Prioritisation



- The screening and eligibility processes happen in **parallel**:
- Potentially relevant **assessed for inclusion**
- Included studies begin to be **synthesised**