

T4: Screening Prioritisation

- Boolean queries retrieve documents as a **set**
 - There is **no ordering** (ranking) of the documents
- Rank documents with Boolean queries has limited work **several decades ago** [45]
- This work has been published in **CLEF 2017**

[45] Robert Losee. Probabilistic retrieval and coordination level matching. Journal of the American Society for Information Science, 38(4):239, 1987.

Learning to Rank

- Aim:
 - Train a **learning to rank** model to automatically rank citations for systematic review literature search
 - Machine learning has been shown to be able to **learn complex features** and produce effective results