

Information Retrieval

Exercise – Winter term 2024/2025

Agenda

1. Retrieval & Pooling
2. Relevance Annotations
3. Access
4. Outlook

Retrieval & Pooling

- ❑ 10 retrieval systems will be used to retrieve documents for judgments
 - Different retrieval paradigms:
lexical retrieval, neural retrieval, query expansion, etc.
 - Systems are executed via the TIRA platform [\[link\]](#)
 - The 10 systems will later be the baselines on the leaderboard
- ❑ Top-10 documents from each system will be “pooled”
i.e., the top-10 from each system is assessed
 - Pooled documents are deduplicated across systems
 - We expect around 100–150 documents per topic
 - Corresponds to roughly 2–3 hours of annotation work

Relevance Assessments

- ❑ We judge only binary relevance:
judging a document as non-relevant (0) or relevant (1)
- ❑ Relevance depends on:
 - The topic's description and **narrative**.
- ❑ Relevance does **not** dependent on:
 - Credibility, i.e., non-credible documents can still be found relevant
 - Correctness, i.e., judge as if you did not know the correct answer
 - **Why?**
 - Credibility and correctness can easily be misjudged
 - Isolate (potentially orthogonal) utility dimensions
- ❑ **Exception:** Documents are automatically **not** relevant if they ...
 - ... are not written in English language
 - ... contain adult material or spam
 - ... are unreadable or broken

Access

- ❑ Relevance assessments will be handled through Doccano [\[link\]](#)
- ❑ Each group will receive on Discord:
 - their finalized group name and TIRA account
 - a Doccano account (linked with each topic's Doccano project)
- ❑ Documents to judge available: Wednesday, 13.11.2024
- ❑ **Due Date:** Tuesday, 19.11.2024
- ❑ **Deliverable:** Annotations finished on Doccano
- ❑ We can discuss problems in the next lab session: Tuesday, 19.11.2024

Next Steps

Assignment

- ❑ Relevance assessments on Doccano

Any questions?