

Beaver: Efficiently Building Test Collections for Novel Tasks

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"P.O. FEDER: Unha maneira de facer Europa"

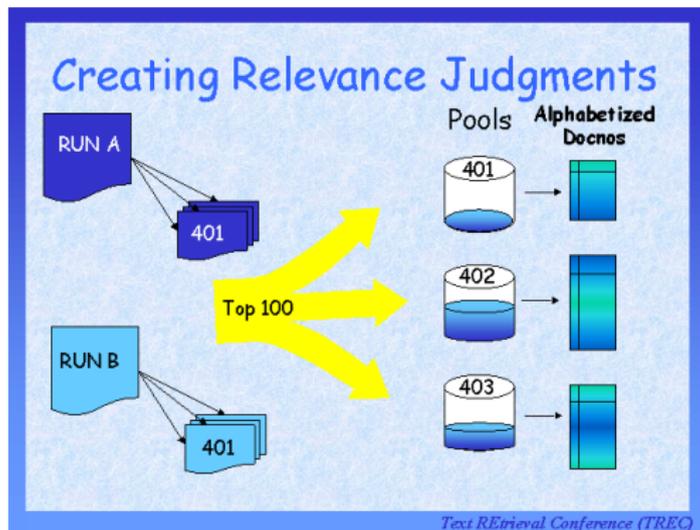
1. Background
2. Proposal
3. Live demo
4. Conclusions & Future Work

Background



- ⊙ *De facto* method for evaluating new models
- ⊙ Test collections:
 - Documents
 - Information needs
 - **Judgments**
- ⊙ Building new benchmarks → **time and resource consuming**

Pooling:



Problem: we need participant systems!

Proposal



- ⊙ **Goal:** ease collection building

Simulating systems

- ⊙ Manual query variants
- ⊙ Retrieval models

Pooling

- ⊙ Intelligent strategies

Administrator

- ⦿ Create new experiments
- ⦿ Select query variants
- ⦿ Gather new data

Assessor

- ⦿ See posts and users
- ⦿ Make judgments

Live demo

Self-Harm Example

Conclusions & Future Work

Conclusions

- ⦿ Document gathering → judgment creation
- ⦿ Cheapen collection creation
- ⦿ eRisk 2020 collection (positive cases)

Future Work

- ⦿ Use this tool to study datasets' quality
- ⦿ Ship these techniques to another field, e.g., classification (pool over classifiers)

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