

# Exploring Gender Biases in Information Retrieval Relevance Judgement Datasets

Group 24-B

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# Original Study

- Focus: Gender biases in information retrieval datasets
- Uses fine-tuned BERT model on a Benchmark-Dataset
- Findings:
  - Psychological characteristics vary in gendered query documents
  - Stereotypical biases prevalent in relevance judgments

# Reproducing The Author's Results

- Author's code (`train&predict`) on GitHub
- Experiment design well set up
- Datasets only linked in paper
  - Had to be recreated (1 entry missing) -> Uncertainty
  - Minor Pre-processing necessary
- Python-Version not available
- Metrics table provided
  - Not explicitly stated
  - Could benefit from further analysis
- We can run the author's code

# Still to do...

- Analyze the results
  - Awaiting feedback for the LIWC license needed
- Complete the report