Heinrich

Lena

Sascha



Source: https://netivist.org/debate/paris-vs-london

Thinking of Which city is better, Paris or London?

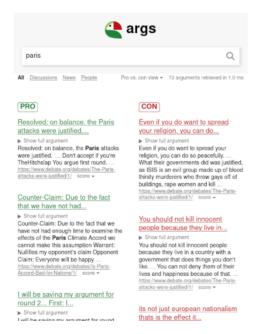
□ Ideally...



Should use an argument search engine.

Nah, just "google" it!

→ Consider relevance and quality e.g., args.me or ArgumenText



→ Not (yet) fit for *comparative* topics



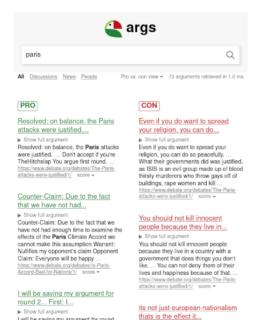
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Our experiments

"Paris vs. London? How would you decide, given Google's top results?"

- 1. Select 30 comparative questions (Touché)
- 2. Assess *quality* of 120 top Google results
 - Content quality
 - Usability
 - Credibility
 - Up-to-dateness
- 3. User study on decision-making
 - ு Decision change
 - Decision confidence (+ conf. change)
 - Most impactful documents
 - General decision-making process

- 4. Analyze reponses
 - □ 554 study responses
 - □ 8 compar. questions
 - ☐ 6 hypotheses
 - \rightarrow verify with χ^2 tests



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 (users with high initial confidence less likely influenced by low-quality results)
- Relevance and quality have similarly strong impact on decision-making (impact of stance is weaker)
- Factual comparisons more likely influenced by search than subjective comp.
- Future work: how to retrieve higher-quality search results?



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Thank you!