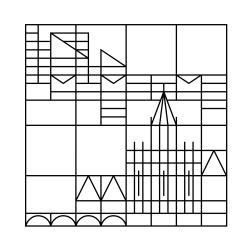


Quote Erat Demonstrandum: A Web Interface for Exploring the Quotebank Corpus

Universität



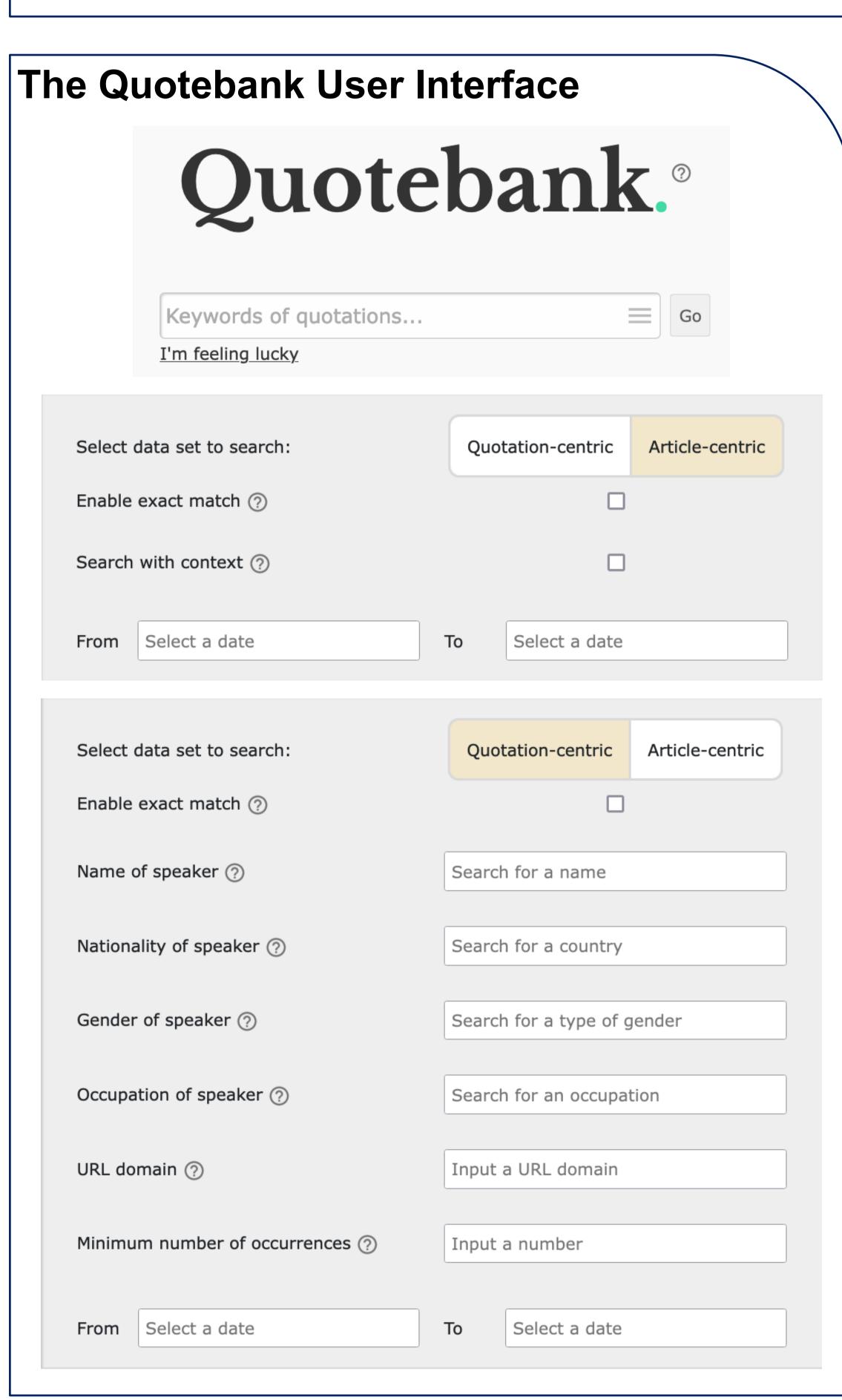
Vuk Vuković,[‡] Akhil Arora,[‡] Huan-Cheng Chang,[‡] Andreas Spitz,[§] and Robert West[‡] [‡]Data Science Laboratory (DLAB), EPFL **§University of Konstanz**

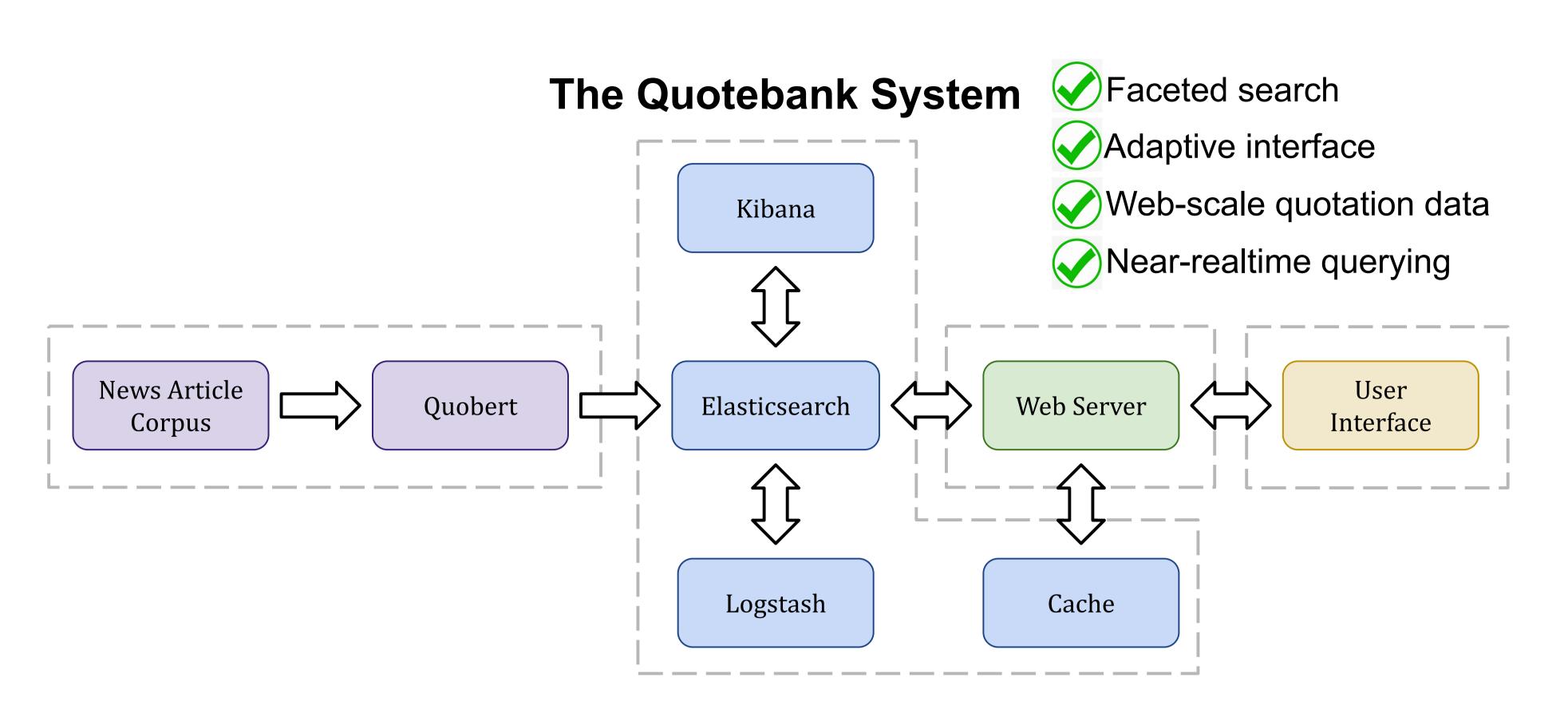
"Quotations will tell the full measure of meaning, if you have enough of them." — James Murray

Central to conception, reception, and analysis of news stories

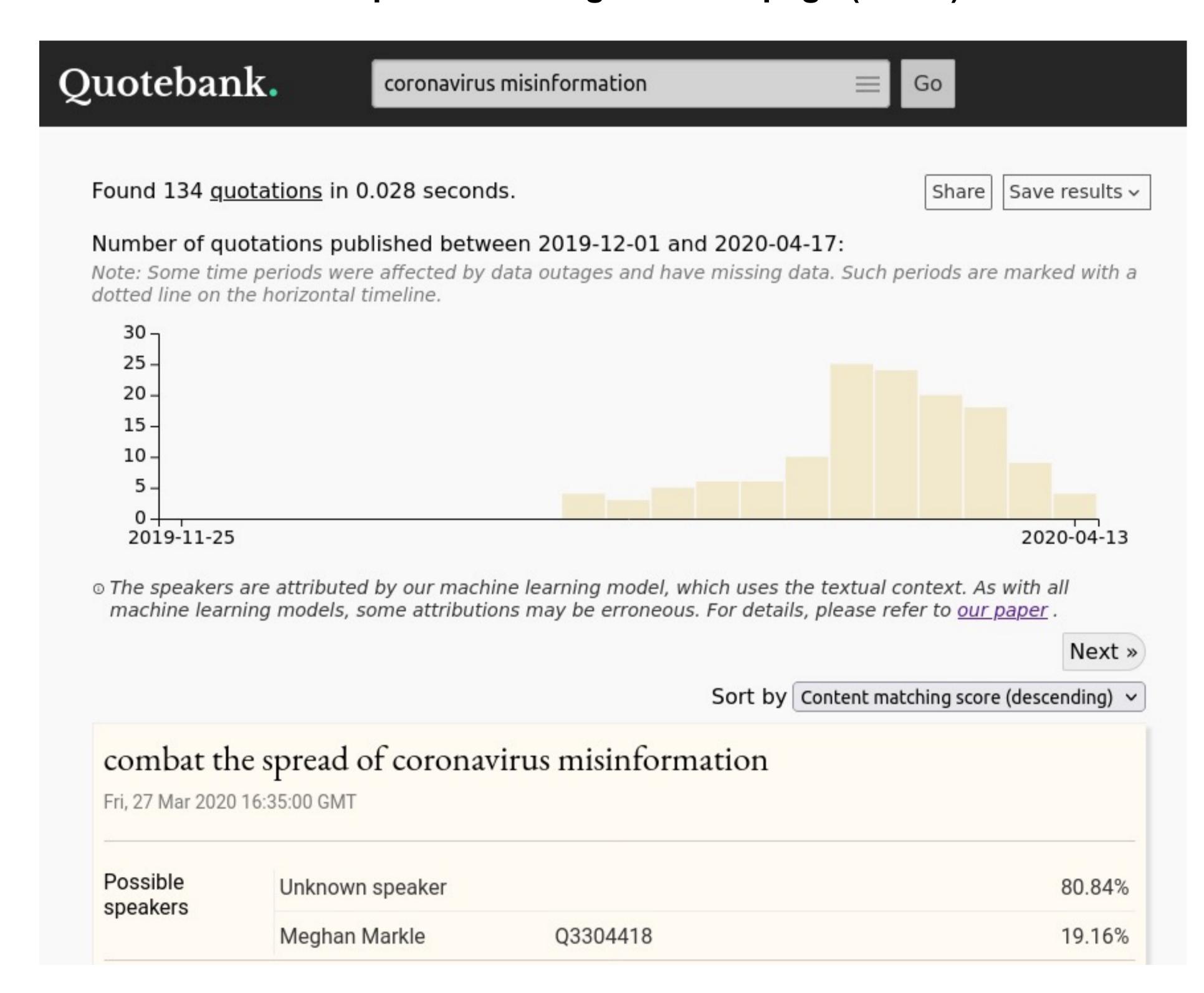
- Pathway of information propagation
- Identifying source of news information
- Fact checking and credibility assessment
- Opinion mining

Takeaways





A sample search engine result page (SERP)



Quote Erat Demonstrandum

Quote-level exploration

Identify all quotes from Donald Trump containing the text "great again" that appeared in at least 500 distinct articles



Article-level exploration

Identify all articles published on May 19, 2018 that contain the text "gdpr" in either the quotes or in their surrounding context

Broader Impact

Enable exploration of quotes by end users who lack the computational background to work directly with the raw Quotebank data

First-ever system for exploration of quotes in news

Wider accessibility: journalists, social scientists etc

Extraction of attributed quotes far-from-perfect

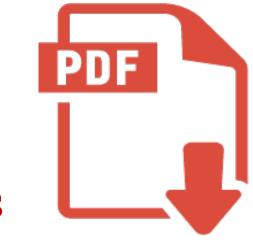
Faceted search based on speaker attributes

Requires speaker disambiguation

Marred with dirty/unclean Web data









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