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[arXiv:1907.05755v1](https://arxiv.org/abs/1907.05755v1) [cs.IR] 12 Jul 2019

Proceedings of FACTS-IR 2019

These are the accepted papers for [FACTS-IR 2019](#), the Workshop on Fairness, Accountability, Confidentiality, Transparency, and Safety in Information Retrieval attached to SIGIR 2019. The workshop was held on July 25 in Paris, France.

Organizing committee:

- Alexandra Olteanu (Microsoft Research, US & Canada)
- Jean Garcia-Gathright (Spotify, US)
- Maarten de Rijke (University of Amsterdam, The Netherlands)
- Michael D. Ekstrand (Boise State University, US)

[arXiv:1903.00780](https://arxiv.org/abs/1903.00780) [pdf, other]

Title: Fairness in Recommendation Ranking through Pairwise Comparisons

Authors: [Alex Beutel](#), [Jilin Chen](#), [Tulsee Doshi](#), [Hai Qian](#), [Li Wei](#), [Yi Wu](#), [Lukasz Heldt](#), [Zhe Zhao](#), [Lichan Hong](#), [Ed H. Chi](#), [Cristos Goodrow](#)

Subjects: Computers and Society (cs.CY); Artificial Intelligence (cs.AI); Information Retrieval (cs.IR); Machine Learning (cs.LG); Machine Learning (stat.ML)

[arXiv:1907.03718](https://arxiv.org/abs/1907.03718) [pdf, other]

Title: CobWeb: A Research Prototype for Exploring User Bias in Political Fact-Checking

Authors: [Anubrata Das](#), [Kunjan Mehta](#), [Matthew Lease](#)

Subjects: Information Retrieval (cs.IR); Computers and Society (cs.CY)

[arXiv:1907.02956](https://arxiv.org/abs/1907.02956) [pdf, other]

Title: The FACTS of Technology-Assisted Sensitivity Review

Authors: [Graham McDonald](#), [Craig Macdonald](#), [Iadh Ounis](#)

Comments: 4 pages

Subjects: Computers and Society (cs.CY); Information Retrieval (cs.IR)

[arXiv:1907.00570](https://arxiv.org/abs/1907.00570) [pdf, other]

Title: Do Transformer Attention Heads Provide Transparency in Abstractive Summarization?

Authors: [Joris Baan](#), [Maartje ter Hoeve](#), [Marlies van der Wees](#), [Anne Schuth](#), [Maarten de Rijke](#)

Comments: To appear at FACTS-IR 2019, SIGIR

Subjects: Computation and Language (cs.CL); Artificial Intelligence (cs.AI); Information Retrieval (cs.IR); Machine Learning (cs.LG)

[arXiv:1907.02582](https://arxiv.org/abs/1907.02582) [pdf, other]

Title: Explaining Predictions from Tree-based Boosting Ensembles

Authors: [Ana Lucic](#), [Hinda Haned](#), [Maarten de Rijke](#)

Comments: SIGIR 2019: FACTS-IR Workshop

Subjects: Machine Learning (cs.LG); Artificial Intelligence (cs.AI); Information Retrieval (cs.IR); Machine Learning (stat.ML)

[arXiv:1907.03039](https://arxiv.org/abs/1907.03039) [pdf, other]

Title: Global Aggregations of Local Explanations for Black Box models

Authors: [Ilse van der Linden](#), [Hinda Haned](#), [Evangelos Kanoulas](#)

Comments: FACTS-IR: Fairness, Accountability, Confidentiality, Transparency, and Safety - SIGIR 2019 Workshop

Subjects: Information Retrieval (cs.IR); Artificial Intelligence (cs.AI); Machine Learning (cs.LG)

