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arXiv: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 [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 [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 [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 [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 [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 [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)