LREC-COLING 2024

3rd Workshop on Perspectivist Approaches to NLP (NLPerspectives) @LREC-COLING 2024

Workshop Proceedings

Editors Gavin Abercrombie, Valerio Basile, Davide Bernardi, Shiran Dudy, Simona Frenda, Lucy Havens, Sara Tonelli

> 21 May, 2024 Torino, Italia

Proceedings of NLPerspectives: The 3rd Workshop on Perspectivist Approaches to NLP @LREC-COLING 2024

Copyright ELRA Language Resources Association (ELRA), 2024 These proceedings are licensed under a Creative Commons Attribution-NonCommercial 4.0 International License (CC BY-NC 4.0)

ISBN 978-2-493814-23-4 ISSN 2951-2093 (COLING); 2522-2686 (LREC)

Jointly organized by the ELRA Language Resources Association and the International Committee on Computational Linguistics

Message from the organizers

This volume documents the Proceedings of the 3rd Workshop on Perspectivist Approaches to Disagreement in NLP, held on May 21st as part of the LREC-COLING 2024 conference (the joint international conference on Computational Linguistics, Language Resources and Evaluation) in Turin, Italy.

Until recently, the dominant paradigm in natural language processing (and other areas of artificial intelligence) has been to resolve observed label disagreement into a single "ground truth" or "gold standard" via aggregation, adjudication, or statistical means. However, in recent years, the field has increasingly focused on subjective tasks, such as abuse detection or quality estimation, in which multiple points of view may be equally valid, and a unique 'ground truth' label may not exist. At the same time, as concerns have been raised about bias and fairness in AI, it has become increasingly apparent that an approach which assumes a single "ground truth" can erase minority voices. Perspectivism in NLP pursues the spirit of recent initiatives such as Data Statements, extending their scope to the full NLP pipeline, including the aspects related to modelling, evaluation and explanation.

In line with the first and second editions, the Workshop on Perspectivist Approaches to NLP explores current and ongoing work on the collection and labelling of non-aggregated datasets, and approaches to modelling and including these perspectives, as well as evaluation and applications of multi-perspective Machine Learning models.

The first edition was held at the Language Resources and Evaluation Conference (LREC) in Marseille in 2022, and the second was held at the 26th European Conference on Artificial Intelligence (ECAI) in Kraków in 2023.

In this third edition, the workshop received 28 submissions, including 25 research papers (three of which non-archival) and three research communications. Of these, 22 contributions were accepted. The proceedings are composed of the 16 accepted archival research papers.

Finally, we want to thank the members of the committee for their commitment to the review process and the authors of these contributions for their valuable investigations and for making this community more vibrant.

Organizing Committee

Gavin Abercrombie – Heriot-Watt University Valerio Basile – University of Turin Davide Bernardi – Amazon Alexa Shiran Dudy – Northeastern University Simona Frenda – University of Turin Lucy Havens – University of Edinburgh Sara Tonelli – Fondazione Bruno Kessler

Program Committee

Riza Batista-Navarro Federico Cabitza Agostina Calabrese Silvia Casola Amanda Cercas Curry Teddy Ferdinan Annette Hautli-Janisz Cassandra L. Jacobs Anna Koufakou Sofie Labat Marta Marchiori Manerba Michele Mastromattei Massimo Poesio Julia Romberg Pratik Sachdeva Manuela Sanguinetti Erhan Sezerer Zeerak Talat Tiago Timponi Torrent Nikolas Vitsakis Tharindu Cyril Weerasooriya Fabio Massimo Zanzotto

Table of Contents

Is a picture of a bird a bird? A mixed-methods approach to understanding diverse human perspectives and ambiguity in machine vision models Alicia Parrish, Susan Hao, Sarah Laszlo and Lora Aroyo1
Wisdom of Instruction-Tuned Language Model Crowds. Exploring Model Label Variation Flor Miriam Plaza-del-Arco, Debora Nozza and Dirk Hovy
Revisiting Annotation of Online Gender-Based Violence Gavin Abercrombie, Nikolas Vitsakis, Aiqi Jiang and Ioannis Konstas
A Perspectivist Corpus of Numbers in Social Judgements Marlon May, Lucie Flek and Charles Welch42
An Overview of Recent Approaches to Enable Diversity in Large Language Models through Aligning with Human Perspectives Benedetta Muscato, Chandana Sree Mala, Marta Marchiori Manerba, Gizem Gezici and Fosca Giannotti
Disagreement in Argumentation Annotation Anna Lindahl
Moral Disagreement over Serious Matters: Discovering the Knowledge Hidden in the Perspec- tives Anny D. Alvarez Nogales and Oscar Araque
Anny D. Alvalez Nogales and Oscal Alaque
Perspectives on Hate: General vs. Domain-Specific Models Giulia Rizzi, Michele Fontana and Elisabetta Fersini
Soft metrics for evaluation with disagreements: an assessment Giulia Rizzi, Elisa Leonardelli, Massimo Poesio, Alexandra Uma, Maja Pavlovic, Silviu Paun, Paolo Rosso and Elisabetta Fersini
Designing NLP Systems That Adapt to Diverse Worldviews Claudiu Creanga and Liviu P. Dinu
The Effectiveness of LLMs as Annotators: A Comparative Overview and Empirical Analysis of Direct Representation Maja Pavlovic and Massimo Poesio
What Does Perspectivism Mean? An Ethical and Methodological Countercriticism Mathieu Valette
OrigamIM: A Dataset of Ambiguous Sentence Interpretations for Social Grounding and Implicit Language Understanding Liesbeth Allein and Marie-Francine Moens
Linguistic Fingerprint in Transformer Models: How Language Variation Influences Parameter Selection in Irony Detection Michele Mastromattei and Fabio Massimo Zanzotto

Intersectionality in AI Safety: Using Multilevel Models to Understand Diverse Perceptions of
Safety in Conversational AI
Christopher Homan, Gregory Serapio-Garcia, Lora Aroyo, Mark Diaz, Alicia Parrish, Vin-
odkumar Prabhakaran, Alex Taylor and Ding Wang131
A Dataset for Multi-Scale Film Rating Inference from Reviews
5
Frankie Robertson and Stefano Leone