

Publications of Valentín Barriere by year

Year 2023

1. Felipe Urrutia, Cristian Buc, Valentín Barriere. Deep Natural Language Feature Learning for Interpretable Prediction. In *Proc. Empirical Methods in Natural Language Processing (EMNLP)*, pp. article 229, 2023. Singapore. Association for Computational Linguistic.
2. Valentín Barriere, Felipe Del Rio, Andres Carvallo, Carlos Aspillaga, Eugenio Herrera-Berg, Cristian Buc. Targeted Image Data Augmentation Increases Basic Skills Captioning Robustness. In *Proc. 3rd Workshop on Natural Language Generation, Evaluation, and Metrics (GEM)*, pp. 243-257, 2023. Association for Computational Linguistic.
3. Valentín Barriere, Joao Sedoc, Shabnam Tafreshi, Salvatore Giorgi. Findings of WASSA 2023 Shared Task on Empathy, Emotion and Personality Detection in Conversation and Reactions to News Articles. In *Proc. 13th Workshop on Computational Approaches to Subjectivity, Sentiment, & Social Media Analysis (WASSA)*, pp. 511-525, 2023. Association for Computational Linguistic.
4. Alexander Bondarenko, Maik Fröbe, Johannes Kiesel, Ferdinand Schlatt, Valentín Barriere, Brian Ravenet, Léo Hemamou, Simon Luck, Jan Heinrich Reimer, Benno Stein, Martin Potthast, Matthias Hagen. Overview of Touché 2023: Argument and Causal Retrieval: Extended Abstract. In *Proc. 45th European Conference on Information Retrieval (ECIR)*, pp. 527-535, 2023. Dublin. Springer International Publishing AG, Gewerbestrasse 11, 6330 Cham, Switzerland. Advances in Information Retrieval.

Year 2024

1. Valentín Barriere, Orphée De Clercq, Roman Klinger, Shabnam Tafreshi, Joao Sedoc, Jeremy Barnes, ed. *Proceedings of the 14th Workshop on Computational Approaches to Subjectivity, Sentiment, & Social Media Analysis (WASSA)*, Aug 2024. Association for Computational Linguistic.
2. Valentín Barriere, Sebastian Cifuentes. A Study of Nationality Bias in Names and Perplexity using Off-the-Shelf Affect-related Tweet Classifiers. In *Proc. Empirical Methods in Natural Language Processing (EMNLP)*, pp. 569-579, 2024. Miami. Association for Computational Linguistic.
3. Valentín Barriere, Sebastian Cifuentes. Are Text Classifiers Xenophobic? A Country-Oriented Bias Detection Method with Least Confounding Variables. In *Proc. International Conference on Computational Linguistics (COLING)*, pp. 1511-1518, May 2024. Association for Computational Linguistic.
4. Nailia Mirzakhmedova, Johannes Kiesel, Milad Alshomary, Maximilian Heinrich, Nicolas Handke, Xiaoni Cai, Valentín Barriere, Doratossadat Dastgheib, Omid Ghahroodi, MohammadAli SadraeiJavaheri, Ehsaneddin Asgari, Lea Kawaletz, Henning Wachsmuth, Benno

Stein. The Touché23-ValueEval Dataset for Identifying Human Values behind Arguments. In *Proc. International Conference on Computational Linguistics (COLING)*, pp. 16121-16134, May 2024. Association for Computational Linguistic.

5. Salvatore Giorgi, Joao Sedoc, Valentín Barriere, Shabnam Tafreshi. Findings of WASSA 2024 Shared Task on Empathy and Personality Detection in Interactions. In *Proc. 14th Workshop on Computational Approaches to Subjectivity, Sentiment, & Social Media Analysis (WASSA)*, pp. 369-379, Aug 2024. Association for Computational Linguistic.
6. Valentín Barriere, Martin Claverie, Maja Schneider, Guido Lemoine, Raphael d’Andrimont. Boosting Crop Classification by Hierarchically Fusing Satellite, Rotational, and Contextual Data. *Remote Sensing of Environment (RSE)* 305:article 114110, May 2024. Elsevier Science, Amsterdam, The Netherlands. ISSN 0034-4257.

Year 2025

1. Felipe Urrutia, Cristian Buc, Roberto Arraya, Valentín Barriere. Unsupervised Automatic Short Answer Grading and Essay Scoring: A Weakly Supervised Explainable Approach. In *Proc. 20th Workshop on Innovative Use of NLP for Building Educational Applications (BEA) (BEA)*, pp. 38-54, 2025. Association for Computational Linguistic.
2. Giovanni Castiglioni, Nicolás Isla, Cristian Buc, Javiera Castillo-Navarro, Sebastien Lefevre, Valentín Barriere. Shaping Fine-Tuning of Geospatial Foundation Models: Effects of Label Availability and Temporal Resolution. In *Proc. TerraBytes Workshop at ICML (TerraBytes)*, 2025. Proceedings of Machine Learning Research.
3. Tamara Quiroga, Felipe Bravo-Marquez, Valentín Barriere. Adapting Bias Evaluation to Domain Contexts using Generative Models. In *Proc. Empirical Methods in Natural Language Processing (EMNLP)*, pp. 28043-28054, 2025. Association for Computational Linguistic.
4. Valentín Barriere, Nahuel Gomez, Sofia Callejas, Léo Hemamou, Brian Ravenet. StandUp4AI: A New Multilingual Dataset for Humor Detection in Stand-up Comedy Videos. In *Proc. Empirical Methods in Natural Language Processing (EMNLP)*, pp. 16951-16959, 2025. Association for Computational Linguistic.
5. Jose Guillen, Valentín Barriere, Mauricio Araya. AU-TextAlign: A Pipeline for Word-Level Facial Expression Tagging in LLMs. In *Proc. 15th International Conference on Pattern Recognition Systems (ICPRS)*, 2025. IEEE-xplore.