

# Dirk Hovy

COMPUTATIONAL SOCIAL SCIENCE

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## ARTICLES IN SCHOLARLY JOURNALS

HOVY D., MELUMAD S., INMAN J. J.

**Wordify: A Tool for Discovering and Differentiating Consumer Vocabularies**

Journal of Consumer Research, 2021, vol.48, no. 3, pp.394-414

PURSCHKE C., HOVY D.

**Lörres, Möppes, and the Swiss. (Re)Discovering regional patterns in anonymous social media data**

Journal of Linguistic Geography, 2019, vol.7, no. 2, pp.113-134

PAUN S., CARPENTER B., CHAMBERLAIN J., HOVY D., KRUSCHWITZ U., POESIO M.

**Comparing Bayesian Models of Annotation**

Transactions of the Association for Computational Linguistics, 2018, vol.6, pp.571-585

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## RESEARCH MONOGRAPHS

HOVY D.

**Text Analysis in Python for Social Scientists: Prediction and Classification**

Cambridge University Press, , 2022

HOVY D.

**Text Analysis in Python for Social Scientists: Discovery and Exploration**

Cambridge University Press, , 2020

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## CONTRIBUTION TO CHAPTERS, BOOKS OR RESEARCH MONOGRAPHS

BIANCHI F., FORNACIARI T., HOVY D., NOZZA D.

**Gender and Age Bias in Commercial Machine Translation** in *Towards Responsible Machine Translation*

Helena Moniz, Carla Parra Escartín (Eds), Springer International Publishing, pp.159-184, 2023

HOVY D., RAHIMI A., BALDWIN T., BROOKE J.

**Visualizing Regional Language Variation Across Europe on Twitter** in *Handbook of the Changing World Language Map*

Stanley D Brunn, Roland Kehrein (Eds), Springer International Publishing, pp.1-24, 2019

HOVY D., QUIST P.

**Computerlingvistik. Metoder til visualisering af regional variation i sociale medier** in *Sociale Medier Og Sprog*  
Mortensen Kristine, Stæhr Andreas (Eds), Samfunds Litteratur, chap. 5, pp.121-144, 2018

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## ARTICLES UPON REQUEST/INVITATION

HOVY D., PRABHUMOYE S.

**Five sources of bias in natural language processing**  
2021, *Language and Linguistics Compass*

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## OTHER

HOVY D., CIRRINCIONE A.

**AI e sport business: le regole del gioco sono cambiate**  
2023, *Capital*, Italy

HOVY D., CIRRINCIONE A.

**La manifattura è diventata intelligente**  
2023, *Capital*, Italy

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## PROCEEDINGS/PRESENTATIONS

HADA R., EBRAHIMI FARD A., SHUGARS S., BIANCHI F., ROSSINI P., HOVY D., TROMBLE R., TINTAREV N.

**Beyond Digital "Echo Chambers": The Role of Viewpoint Diversity in Political Discussion**

*WSDM '23: The Sixteenth ACM International Conference on Web Search and Data Mining, 27 February - 3 March 2023, Singapore*

BIANCHI F., HILLS S., ROSSINI P., HOVY D., TROMBLE R., TINTAREV N.

**"It's not just hate": a multi-dimensional perspective on detecting harmful speech online**

*The 2022 Conference on Empirical Methods in Natural Language Processing, December 7-11, 2022, Abu Dhabi, United Arab Emirates*

HESSENTHALER M., STRUBELL E., HOVY D., LAUSCHER A.

**Bridging fairness and environmental sustainability in natural language processing**

*The 2022 Conference on Empirical Methods in Natural Language Processing, December 7-11, 2022, Abu Dhabi, United Arab Emirates*

BIANCHI F., CUTRONA V., HOVY D.

**Twitter-demographer: a flow-based tool to enrich Twitter data**

*The 2022 Conference on Empirical Methods in Natural Language Processing, December 7-11, 2022, Abu Dhabi, United Arab Emirates*

ATTANASIO G., NOZZA D., PASTOR E., HOVY D.

**Benchmarking Post-Hoc Interpretability Approaches for Transformer-based Misogyny Detection**

*Proceedings of NLP Power! The First Workshop on Efficient Benchmarking in NLP, May 22-27, 2022, Dublin, Ireland*

ATTANASIO G., NOZZA D., HOVY D., BARALIS E.

**Entropy-based Attention Regularization Frees Unintended Bias Mitigation from Lists**

*Findings of the Association for Computational Linguistics: ACL 2022, May 22-27, 2022, Dublin, Ireland*

FORNACIARI T., UMA A., POESIO M., HOVY D.

**Hard and Soft Evaluation of NLP models with BOOtSTrap Sampling - BooStSa**

*Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics: System Demonstrations, May 22-27, 2022, Dublin, Ireland*

BIANCHI F., NOZZA D., HOVY D.

**Language Invariant Properties in Natural Language Processing**

*Proceedings of NLP Power! The First Workshop on Efficient Benchmarking in NLP, May 22-27, 2022, Dublin, Ireland*

NOZZA D., BIANCHI F., HOVY D.

**Pipelines for Social Bias Testing of Large Language Models**

*Proceedings of BigScience Episode #5 -- Workshop on Challenges & Perspectives in Creating Large Language Models, May 22-27, 2022, Dublin, Ireland*

BIANCHI F., NOZZA D., HOVY D.

**XLM-EMO: Multilingual Emotion Prediction in Social Media Text**

*Proceedings of the 12th Workshop on Computational Approaches to Subjectivity, Sentiment & Social Media Analysis, May 22-27, 2022, Dublin, Ireland*

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## RESEARCH NOTES OR SHORT ARTICLES IN JOURNALS

BIANCHI F., CERCAS CURRY A., HOVY D.

**Viewpoint: Artificial Intelligence Accidents Waiting to Happen?**

2023, Journal of Artificial Intelligence Research (JAIR)

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