

- WaCky wide web: A collection of very large linguistically processed web-crawled corpora. *Language Resources and Evaluation*, 43(3):209–226.
- Baroni, Marco and Alessandro Lenci. 2010. Distributional memory: A general framework for corpus-based semantics. *Computational Linguistics*, 36(4):673–721.
- Barzegar, Siamak, Brian Davis, Manel Zarrouk, Siegfried Handschuh, and André Freitas. 2018. SemR-11: A multi-lingual gold-standard for semantic similarity and relatedness for eleven languages. In *Proceedings of LREC*, pages 3912–3916.
- van den Berg, Robert A., Huub C.J. Hoefsloot, Johan A. Westerhuis, Age K. Smilde, and Mariët J. van der Werf. 2006. Centering, scaling, and transformations: Improving the biological information content of metabolomics data. *BMC Genomics*, 7(1):142.
- Bjerva, Johannes and Isabelle Augenstein. 2018. From phonology to syntax: Unsupervised linguistic typology at different levels with language embeddings. In *Proceedings of NAACL-HLT*, pages 907–916.
- Bojanowski, Piotr, Edouard Grave, Armand Joulin, and Tomas Mikolov. 2017. Enriching word vectors with subword information. *Transactions of the ACL*, 5:135–146.
- Bro, Rasmus and Age K. Smilde. 2003. Centering and scaling in component analysis. *Journal of Chemometrics*, 17(1):16–33.
- Bruni, Elia, Nam-Khanh Tran, and Marco Baroni. 2014. Multimodal distributional semantics. *Journal of Artificial Intelligence Research*, 49:1–47.
- Budanitsky, Alexander and Graeme Hirst. 2006. Evaluating WordNet-based measures of lexical semantic relatedness. *Computational Linguistics*, 32(1):13–47.
- Camacho-Collados, Jose and Roberto Navigli. 2017. BabelDomains: Large-scale domain labeling of lexical resources. In *Proceedings of EACL*, pages 223–228.
- Camacho-Collados, Jose, Mohammad Taher Pilehvar, Nigel Collier, and Roberto Navigli. 2017. Semeval-2017 task 2: Multilingual and cross-lingual semantic word similarity. In *Proceedings of SEMEVAL*, pages 15–26.
- Camacho-Collados, José, Mohammad Taher Pilehvar, and Roberto Navigli. 2015. A framework for the construction of monolingual and cross-lingual word similarity datasets. In *Proceedings of ACL*, pages 1–7.
- Cao, Steven, Nikita Kitaev, and Dan Klein. 2020. Multilingual alignment of contextual word representations. In *Proceedings of ICLR*.
- Chen, Danqi and Christopher D. Manning. 2014. A fast and accurate dependency parser using neural networks. In *Proceedings of EMNLP*, pages 740–750.
- Chen, Xilun and Claire Cardie. 2018. Unsupervised multilingual word embeddings. In *Proceedings of EMNLP*, pages 261–270.
- Cimiano, Philipp, Andreas Hotho, and Steffen Staab. 2005. Learning concept hierarchies from text corpora using formal concept analysis. *Journal of Artificial Intelligence Research*, 24:305–339.
- Clark, Jonathan H., Eunsol Choi, Michael Collins, Dan Garrette, Tom Kwiatkowski, Vitaly Nikolaev, and Jennimaria Palomaki. 2020. TyDi QA: A benchmark for information-seeking question answering in typologically diverse languages. *Transactions of the ACL*.
- Collobert, Ronan and Jason Weston. 2008. A unified architecture for natural language processing: Deep neural networks with multitask learning. In *Proceedings of ICML*, pages 160–167.
- Collobert, Ronan, Jason Weston, Léon Bottou, Michael Karlen, Koray Kavukcuoglu, and Pavel P. Kuksa. 2011. Natural language processing (almost) from scratch. *Journal of Machine Learning Research*, 12:2493–2537.
- Conneau, Alexis, Kartikay Khandelwal, Naman Goyal, Vishrav Chaudhary, Guillaume Wenzek, Francisco Guzmán, Edouard Grave, Myle Ott, Luke Zettlemoyer, and Veselin Stoyanov. 2019. Unsupervised cross-lingual representation learning at scale. *CoRR*, abs/1911.02116.
- Conneau, Alexis and Guillaume Lample. 2019. Cross-lingual language model pretraining. In *Proceedings of NeurIPS*, pages 7057–7067.
- Conneau, Alexis, Guillaume Lample, Marc’Aurelio Ranzato, Ludovic Denoyer, and Hervé Jégou. 2018a. Word translation without parallel data. In *Proceedings of ICLR*.
- Conneau, Alexis, Ruty Rinott, Guillaume Lample, Adina Williams, Samuel Bowman, Holger Schwenk, and Veselin Stoyanov. 2018b. XNLI: Evaluating cross-lingual sentence representations. In *Proceedings of EMNLP*, pages 2475–2485.
- Coseriu, Eugenio. 1967. Lexikalische solidaritäten. *Poetica*, 1:293–303.
- Cruse, David Alan. 1986. *Lexical Semantics*. Cambridge University Press.