

- Çöltekin, Çağrı (2019). “Cross-lingual morphological inflection with explicit alignment.” In: *Proceedings of the SIGMORPHON*, (accepted).
- Çöltekin, Çağrı and Jeremy Barnes (June 2019). “Neural and Linear Pipeline Approaches to Cross-lingual Morphological Analysis.” In: *Proceedings of the Sixth Workshop on NLP for Similar Languages, Varieties and Dialects*. TOBEFILLED-Arr Arbor, Michigan: Association for Computational Linguistics, pp. 153–164. URL: <https://www.aclweb.org/anthology/W19-1416>.
- Wu, Nianheng, Eric DeMattos, Kwok Him So, Pin-zhen Chen, and Çağrı Çöltekin (June 2019). “Language Discrimination and Transfer Learning for Similar Languages: Experiments with Feature Combinations and Adaptation.” In: *Proceedings of the Sixth Workshop on NLP for Similar Languages, Varieties and Dialects*. TOBEFILLED-Arr Arbor, Michigan: Association for Computational Linguistics, pp. 54–63. URL: <https://www.aclweb.org/anthology/W19-1406>.
- Berdicevskis, Aleksandrs, Çağrı Çöltekin, Katharina Ehret, Kilu von Prince, Daniel Ross, Bill Thompson, Chunxiao Yan, Vera Demberg, Gary Lupyan, Taraka Rama, and Christian Bentz (2018). “Using Universal Dependencies in cross-linguistic complexity research.” In: *Proceedings of the 15th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*. Brussels, Belgium: Association for Computational Linguistics, (to appear). URL: <http://www.aclweb.org/anthology/W18-6002>.
- Boll-Avetisyan, Natalie, Jessie S Nixon, Tomas O Lentz, Liqan Liu, Sandrien van Ommen, Çağrı Çöltekin, and Jacolien van Rij (2018). “Neural response development during distributional learning.” In: pp. 1432–1436. doi: 10.21437/Interspeech.2018-2072. URL: https://www.isca-speech.org/archive/Interspeech_2018/pdfs/2072.pdf.
- Çöltekin, Çağrı and Taraka Rama (2018a). “Drug-use Identification from Tweets with Word and Character N-grams.” In: *Proceedings of the Third Social Media Mining for Health (SMM4H)*, (to appear).
- Çöltekin, Çağrı and Taraka Rama (2018a). “Exploiting Universal Dependencies Treebanks for Measuring Morphosyntactic Complexity.” In: *Proceedings of First Workshop on Measuring Language Complexity*. Ed. by Christian Bentz and Aleksandrs Berdicevskis. Torun, Poland, pp. 1–7.
- Çöltekin, Çağrı and Taraka Rama (2018b). “Tübingen-Oslo at SemEval-2018 Task 2: SVMs perform better than RNNs at Emoji Prediction.” In: *Proceedings of the 12th International Workshop on Semantic Evaluation (SemEval-2018)*. New Orleans, LA, United States: Association for Computational Linguistics, pp. 34–38. URL: <http://aclweb.org/anthology/S18-1004>.
- Çöltekin, Çağrı and Taraka Rama (2018b). “Tübingen-Oslo system: Linear regression works the best at Predicting Current and Future Psychological Health from Childhood Essays in the CLPsych 2018 Shared Task.” In: *ArXiv e-prints*. arXiv: 1809.04838 [cs.CL].
- Çöltekin, Çağrı, Taraka Rama, and Verena Blaschke (2018). “Tübingen-Oslo Team at the VarDial 2018 Evaluation Campaign: An Analysis of N-gram Features in Language Variety Identification.” In: *Proceedings of the Fifth Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial 2018)*. Santa Fe, New Mexico, USA: Association for Computational Linguistics, pp. 55–65. URL: <http://aclweb.org/anthology/W18-3906>.
- More, Amir, Özlem Çetinoğlu, Çağrı Çöltekin, Nizar Habash, Benoît Sagot, Djamel Seddah, Dima Taji, and Reut Tsarfaty (2018). “CoNLL-UL: Universal Morphological Lattices for Universal Dependency Parsing.” In: *Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC’18)*. European Language Resources Association (ELRA), pp. 3847–3853.
- Nixon, Jessie S, Natalie Boll-Avetisyan, Tomas O. Lentz, Sandrien van Ommen, Brigitta Keij, Çağrı Çöltekin, Liqan Liu, and Jacolien van Rij (2018). “Short-term exposure enhances perception of both between- and within-category acoustic information.” In: *Proceedings of Speech Prosody 9*. Poznan, Poland, pp. 114–118. doi: 10.21437/SpeechProsody.2018-23. URL: https://www.isca-speech.org/archive/SpeechProsody_2018/pdfs/62.pdf.
- Pirina, Inna and Çağrı Çöltekin (2018). “Identifying depression on Reddit: the effect of training data.” In: *Proceedings of the Third Social Media Mining for Health (SMM4H)*, (to appear).
- Sofroniev, Pavel and Çağrı Çöltekin (2018). “Phonetic Vector Representations for Sound Sequence Alignment.” In: *Proceedings of the 15th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*. Brussels, Belgium: Association for Computational Linguistics, (to appear).
- Çöltekin, Çağrı (2017). “Using Predictability for Lexical Segmentation.” In: *Cognitive Science* 41, pp. 1988–2021. doi: 10.1111/cogs.12454.
- Çöltekin, Çağrı, Ben Campbell, Erhard Hinrichs, and Heike Telljohann (May 2017). “Converting the TüBa-D/Z Treebank of German to Universal Dependencies.” In: *Proceedings of the NoDaLiDa 2017 Workshop on Universal Dependencies (UDW 2017)*. Gothenburg, Sweden: Association for Computational Linguistics, pp. 27–37. URL: <http://www.aclweb.org/anthology/W17-0404>.
- Çöltekin, Çağrı and Taraka Rama (2017). “Tübingen system in VarDial 2017 shared task: experiments with language identification and cross-lingual parsing.” In: *Proceedings of the Fourth Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial)*. Valencia, Spain: Association for Computational Linguistics, pp. 146–155. URL: <http://www.aclweb.org/anthology/W17-1218>.

- Rama, Taraka and Çağrı Çöltekin (Sept. 2017). “Fewer features perform well at Native Language Identification task.” In: *Proceedings of the 12th Workshop on Innovative Use of NLP for Building Educational Applications*. Copenhagen, Denmark: Association for Computational Linguistics, pp. 255–260. URL: <http://www.aclweb.org/anthology/W17-5028>.
- Rama, Taraka, Çağrı Çöltekin, and Pavel Sofroniev (2017). “Computational analysis of Gondi dialects.” In: *Proceedings of the Fourth Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial)*. Valencia, Spain, pp. 26–35. URL: <http://www.aclweb.org/anthology/W17-1203>.
- Tyers, Francis M., Jonathan Washington, Çağrı Çöltekin, and Aibek Makazhanov (2017). “An assessment of Universal Dependency annotation guidelines for Turkic languages.” In: *5th International Conference on Turkic Language Processing (TURKLANG 2017)*. Kazan, Tatarstan, Russian Federation, pp. 356–377.
- Çetinoğlu, Özlem and Çağrı Çöltekin (2016). “Part of Speech Annotation of a Turkish-German Code-Switching Corpus.” In: *Proceedings of the 10th Linguistic Annotation Workshop (LAW-X)*. Berlin, Germany, pp. 120–130. URL: <http://aclweb.org/anthology/W/W16/W16-1714.pdf>.
- Çöltekin, Çağrı (2016). “(When) do we need inflectional groups?” In: *Proceedings of The First International Conference on Turkic Computational Linguistics*. Konya, Turkey.
- Çöltekin, Çağrı and Taraka Rama (Dec. 2016). “Discriminating Similar Languages with Linear SVMs and Neural Networks.” In: *Proceedings of the Third Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial3)*. Osaka, Japan, pp. 15–24. URL: <http://aclweb.org/anthology/W16-4802>.
- Leinonen, Therese, Çağrı Çöltekin, and John Nerbonne (2016). “Using Gabmap.” In: *Lingua* 178, pp. 71–83. doi: 10.1016/j.lingua.2015.02.004. URL: <http://www.sciencedirect.com/science/article/pii/S0024384115000315>.
- Ma, Jianqiang, Çağrı Çöltekin, and Erhard Hinrichs (2016). “Learning Phone Embeddings for Word Segmentation of Child-Directed Speech.” In: *Proceedings Workshop on Cognitive Aspects of Computational Language Learning*. Berlin, Germany, pp. 53–63. URL: <http://aclweb.org/anthology/W/W16/W16-1908.pdf>.
- Rama, Taraka and Çağrı Çöltekin (Dec. 2016). “LSTM Autoencoders for Dialect Analysis.” In: *Proceedings of the Third Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial3)*. Osaka, Japan, pp. 25–32. URL: <http://aclweb.org/anthology/W16-4803>.
- Sulubacak, Umut, Memduh Gokirmak, Francis Tyers, Çağrı Çöltekin, Joakim Nivre, and Gülsen Eryiğit (Dec. 2016). “Universal Dependencies for Turkish.” In: *Proceedings of COLING 2016, the 26th International Conference on Computational Linguistics: Technical Papers*. Osaka, Japan, pp. 3444–3454. URL: <http://aclweb.org/anthology/C16-1325>.
- Çöltekin, Çağrı (2015a). “A grammar-book treebank of Turkish.” In: *Proceedings of the 14th workshop on Treebanks and Linguistic Theories (TLT 14)*. Ed. by Markus Dickinson, Erhard Hinrichs, Agnieszka Patejuk, and Adam Przepiórkowski. Warsaw, Poland, pp. 35–49.
- Çöltekin, Çağrı (2015b). “Turkish NLP web services in the WebLicht environment.” In: *Proceedings of the CLARIN Annual Conference*.
- Çöltekin, Çağrı (2015c). “Units in segmentation: a computational investigation.” In: *Proceedings of EMNLP 2015 Workshop on Cognitive Aspects of Computational Language Learning*. Lisbon, Portugal, pp. 55–64. URL: <http://aclweb.org/anthology/W15-2409>.
- Güneş, Güliz and Çağrı Çöltekin (2015). “Mapping to prosody: not all parentheticals are alike.” In: *Parenthetical Verbs*. Ed. by S. Schneider, J. Glikman, and M. Avanzi. Berlin: De Gruyter, pp. 287–332.
- Hinrichs, Erhard, Daniël de Kok, and Çağrı Çöltekin (2015). “Treebank Data and Query Tools for Rare Syntactic Constructions.” In: *Proceedings of the 14th workshop on Treebanks and Linguistic Theories (TLT 14)*. Ed. by Markus Dickinson, Erhard Hinrichs, Agnieszka Patejuk, and Adam Przepiórkowski. Warsaw, Poland, pp. 106–118.
- Klaussner, Carmen, John Nerbonne, and Çağrı Çöltekin (2015). “Finding Characteristic Features in Stylometric Analysis.” In: *Journal of Digital Scholarship in the Humanities* 30.suppl 1, pp. i114–i129. doi: 10.1093/jdch/fqv048.
- Çöltekin, Çağrı (2014). “A Set of Open Source Tools for Turkish Natural Language Processing.” In: *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC’14)*. Ed. by Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis. Reykjavík, Iceland: European Language Resources Association (ELRA), pp. 1079–1086. ISBN: 978-2-9517408-8-4. URL: http://www.lrec-conf.org/proceedings/lrec2014/pdf/437_Paper.pdf.
- Çöltekin, Çağrı and John Nerbonne (2014). “An explicit statistical model of learning lexical segmentation using multiple cues.” In: *Proceedings of EACL 2014 Workshop on Cognitive Aspects of Computational Language Learning*, pp. 19–28. URL: <https://www.aclweb.org/anthology/W/W14/W14-0505.pdf>.
- Szabó, Lili and Çağrı Çöltekin (2013). “A linear model for exploring types of vowel harmony.” In: *Computational Linguistics in the Netherlands Journal* 3, pp. 174–192. ISSN: 2211-4009. URL: <http://www.clinjournal.org/sites/clinjournal.org/files/11-Szabo-Coltekin-CLIN2013-1.pdf>.
- Prokić, Jelena, Çağrı Çöltekin, and John Nerbonne (2012). “Detecting shibboleths.” In: *Proceedings of the EACL 2012 Joint Workshop of LINGVIS & UNCLH*. Association for Computational Linguistics, pp. 72–80. URL: <https://aclweb.org/anthology/W/W12/W12-0211.pdf>.

- Çöltekin, Çağrı (2011). "Catching Words in a Stream of Speech: Computational simulations of segmenting transcribed child-directed speech." PhD thesis. University of Groningen. URL: <http://irs.ub.rug.nl/ppn/33913190X>.
- Çöltekin, Çağrı (2010a). "A Freely Available Morphological Analyzer for Turkish." In: *Proceedings of the 7th International Conference on Language Resources and Evaluation (LREC 2010)*. Valetta, Malta, pp. 820–827. URL: <http://www.lrec-conf.org/proceedings/lrec2010/summaries/109.html>.
- Çöltekin, Çağrı (2010b). "Improving Successor Variety for Morphological Segmentation." In: *Proceedings of the 20th Meeting of Computational Linguistics in the Netherlands*. Utrecht, The Netherlands, pp. 13–28.
- Çöltekin, Çağrı (2009). *Modeling Acquisition of Word Structure with Lexicalized Grammar Learning*. Short paper presented at the Workshop on Psychocomputational Models of Human Language Acquisition. Amsterdam.
- Yao, Xuchen, Jianqiang Ma, Sergio Duarte, and Çağrı Çöltekin (2009a). "An Inference-rules based Categorial Grammar Learner for Simulating Language Acquisition." In: *Proceedings of the 18th Annual Belgian-Dutch Conference on Machine Learning*. Tilburg, pp. 29–37. URL: http://benelearn09.uvt.nl/Proceedings_Benelearn_09.pdf.
- Yao, Xuchen, Jianqiang Ma, Sergio Duarte, and Çağrı Çöltekin (2009b). "Unsupervised Syntax Learning with Categorial Grammars using Inference Rules." In: *Proceedings of The 14th Student Session of the European Summer School for Logic, Language*. Bordeaux. URL: http://esslli2009.labri.fr/documents/esslli_2009_student_session_proceedings.pdf.
- Çöltekin, Çağrı and Cem Bozşahin (2007). "Syllables, Morphemes and Bayesian Computational Models of Acquiring a Word Grammar." In: *Proceedings of 29th Annual Meeting of Cognitive Science Society*. Nashville, pp. 887–892. URL: <http://csjarchive.cogsci.rpi.edu/proceedings/2007/docs/p887.pdf>.
- Çöltekin, Çağrı (2006). "From Syllable to Meaning: Effects of Knowledge of Syllable in Learning The Meaning Bearing Units of Language." MS thesis. Middle East Technical University.