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Notes:

- Impact Factor (IF) values are indicated in bold with articles in journals that had non-zero IF at the moment of publication. 5 articles in total.
 - 3 more articles published in journals that received IF later (articles in *Soft Computing* in 2001, *Digital Scholarship in the Humanities* in 2015, *Slovo a slovesnost* in 2008)
 - Non-zero IF with 4 more publications printed in proceedings of the Text, Speech, and Dialogue conference in 2000 and 2004 (Lecture Notes in Computer Science series, Springer) not reported here, as the papers had a form of conference papers; hence, these four publications are listed in C3 (without IF).
- Section C3 includes papers in proceedings of category A* (in total 3 papers in the ACL proceedings) and category A (in total 7 papers in proceedings of EMNLP, COLING, EACL and CoNLL); the A* and A categories are marked in bold in C3. They are the highest categories in the CORE rankings, which is respected in Computer Science fields including Natural Language Processing.¹
- For the sake of brevity, Section E2 lists only selected versions of published data collections (typically only the most recent version per resource, such as only the latest version 2.1 out of six versions of the lexical network DeriNet published during 7 years). Similarly, only selected software products are listed in E5.

¹<http://portal.core.edu.au/conf-ranks/>

A. Books

- [1] Markéta Lopatková, Václava Kettnerová, Eduard Bejček, Anna Vernerová, and Zdeněk Žabokrtský. *Valenční slovník českých sloves VALLEX*. Nakladatelství Karolinum, Praha, Czechia, 2016.
- [2] Markéta Lopatková, Zdeněk Žabokrtský, and Václava Kettnerová. *Valenční slovník českých sloves*. Nakladatelství Karolinum, Praha, 2008.

B. Book chapters

- [1] Jana Straková, Milan Straka, Magda Ševčíková, and Zdeněk Žabokrtský. Czech Named Entity Corpus. In *Handbook of Linguistic Annotation*, pages 855–873. Springer Netherlands, Netherlands, 2017.
- [2] Nathan Green and Zdeněk Žabokrtský. Creating Hybrid Dependency Parsers for Syntax-Based MT. In *Hybrid Approaches to Machine Translation*, pages 161–190. Springer International Publishing, Switzerland, 2016.

C1. Articles in journals published abroad

- [1] Mateusz Lango, Zdeněk Žabokrtský, and Magda Ševčíková. Semi-Automatic Construction of Word-Formation Networks. *Language Resources and Evaluation* [**IMPACT FACTOR 1.835**], 55(1):3–32, 2021.
- [2] Martin Popel, Marketa Tomkova, Jakub Tomek, Lukasz Kaiser, Jakob Uszkoreit, Ondřej Bojar, and Zdeněk Žabokrtský. Transforming machine translation: a deep learning system reaches news translation quality comparable to human professionals. *Nature Communications* [**IMPACT FACTOR 14.919**], 11(4381):1–15, 2020.
- [3] Zdeněk Žabokrtský, Daniel Zeman, and Magda Ševčíková. Sentence Meaning Representations across Languages: What Can We Learn from Existing Frameworks? *Computational Linguistics* [**IMPACT FACTOR 2.271**], 46(3):605–665, 2020.
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- [5] Daniel Zeman, Ondřej Dušek, David Mareček, Martin Popel, Loganathan Ramasamy, Jan Štěpánek, Zdeněk Žabokrtský, and Jan Hajič. HamleDT: Harmonized Multi-Language Dependency Treebank. *Language Resources and Evaluation* [**IMPACT FACTOR 0.619**], 48(4):601–637, 2014.
- [6] Radek Čech, Ján Mačutek, and Zdeněk Žabokrtský. The role of syntax in complex networks: Local and global importance of verbs in a syntactic dependency network. *Physica A: Statistical Mechanics and its Applications* [**IMPACT FACTOR 1.785**], (390):3614–3623, 2011.
- [7] Mirko Navara and Zdeněk Žabokrtský. How to make constrained fuzzy arithmetic efficient. *Soft Computing*, 5(6):412–417, December 2001.

C2. Articles in journals published in the Czech Republic

- [1] Hamid Haghdoost, Ebrahim Ansari, Zdeněk Žabokrtský, Mahshid Nikraves, and Mohammad Mahmoudi. Morphological Networks for Persian and Turkish: What Can Be Induced from Morpheme Segmentation? *The Prague Bulletin of Mathematical Linguistics*, (115):105–127, 2020.
- [2] Lukáš Kyjánek, Zdeněk Žabokrtský, Magda Ševčíková, and Jonáš Vidra. Universal Derivations 1.0, A Growing Collection of Harmonised Word-Formation Resources. *The Prague Bulletin of Mathematical Linguistics*, 115(2):5–30, 2020.
- [3] David Mareček and Zdeněk Žabokrtský. Gibbs Sampling Segmentation of Parallel Dependency Trees for Tree-Based Machine Translation. *The Prague Bulletin of Mathematical Linguistics*, 105:101–110, 2016.
- [4] Magda Ševčíková, Zdeněk Žabokrtský, Jonáš Vidra, and Milan Straka. Lexikální síť DeriNet: elektronický zdroj pro výzkum derivace v češtině. *Časopis pro moderní filologii*, 98(1):62–76, 2016.
- [5] Loganathan Ramasamy, David Mareček, and Zdeněk Žabokrtský. Multilingual Dependency Parsing: Using Machine Translated Texts instead of Parallel Corpora. *The Prague Bulletin of Mathematical Linguistics*, 102:93–104, 2014.

- [6] Ondřej Bojar and Zdeněk Žabokrtský. CzEng 0.9, Building a Large Czech-English Automatic Parallel Treebank. *The Prague Bulletin of Mathematical Linguistics*, (92):63–83, 2009.
- [7] Silvie Cinková, Josef Toman, Jan Hajič, Kristýna Čermáková, Václav Klimeš, Lucie Mladová, Jana Šindlerová, Kristýna Tomšů, and Zdeněk Žabokrtský. Tectogrammatical Annotation of the Wall Street Journal. *The Prague Bulletin of Mathematical Linguistics*, (92):85–104, 2009.
- [8] Martin Popel and Zdeněk Žabokrtský. Improving English-Czech Tectogrammatical MT. *The Prague Bulletin of Mathematical Linguistics*, (92):1–20, 2009.
- [9] Zdeněk Žabokrtský and Markéta Lopatková. Valency information in VALLEX 2.0: Logical structure of the lexicon. *Prague Bulletin of Mathematical Linguistics*, (87):41–60, 2007.
- [10] Ondřej Bojar and Zdeněk Žabokrtský. CzEng: Czech-English Parallel Corpus, Release version 0.5. *Prague Bulletin of Mathematical Linguistics*, 86:59–62, 2006.
- [11] Ivona Kučerová and Zdeněk Žabokrtský. Transforming Penn Treebank Phrase Trees into (Praguian) Tectogrammatical Dependency Trees. *Prague Bulletin of Mathematical Linguistics*, (78):77–94, 2002.
- [12] Zdeněk Žabokrtský and Sašo Džeroski. A Machine Learning Approach to Automatic Functor Assignment in the Prague Dependency Treebank. *Prague Bulletin of Mathematical Linguistics* 76, (76):35–44, 2001.

C3. Conference and workshop papers in peer-reviewed proceedings published abroad

- [1] Niyati Bafna, Josef Genabith, Cristina Espana-Bonet, and Zdeněk Žabokrtský. Combining Noisy Semantic Signals with Orthographic Cues: Cognate Induction for the Indic Dialect Continuum. In *to appear in Proceedings of the SIGNLL Conference on Computational Natural Language Learning (CoNLL)* [conference in category A], pages 1–22, Stroudsburg, PA, USA, 2022. Association for Computational Linguistics, Association for Computational Linguistics.
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- [3] Khuyagbaatar Batsuren, Gábor Bella, Aryaman Arora, Viktor Martinovic, Kyle Gorman, Zdeněk Žabokrtský, Amarsanaa Ganbold, Šárka Dohnalová, Magda Ševčíková, Kateřina Pelegrinová, Fausto Giunchiglia, Ryan Cotterell, and Ekaterina Vylomova. The SIGMORPHON 2022 shared task on morpheme segmentation. In *Proceedings of 19th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology*, pages 103–116, Stroudsburg, PA, USA, 2022. Association for Computational Linguistic, Association for Computational Linguistics.
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- [5] Lukáš Kyjánek, Olga Lyashevskaya, Anna Nedoluzhko, Daniil Vodolazsky, and Zdeněk Žabokrtský. Constructing a Lexical Resource of Russian Derivational Morphology. In Nicoletta Calzolari, Frédéric Béchet, Philippe Blache, Khalid Choukri, Christopher Cieri, Thierry Declerck, Sara Goggi, Hitoshi Isahara, Bente Maegaard, Joseph Mariani, Héléne Mazo, Jan Odiijk, and Stelios Piperidis, editors, *Proceedings of the 13th Conference on Language Resources and Evaluation (LREC 2022)*, pages 2788–2797, Marseille, France, 2022. European Language Resources Association.
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- [7] Zdeněk Žabokrtský, Niyati Bafna, Jan Bodnár, Lukáš Kyjánek, Emil Svoboda, Magda Ševčíková, and Jonáš Vidra. Towards Universal Segmentations: UniSegments 1.0. In Nicoletta Calzolari, Frédéric Béchet, Philippe Blache, Khalid Choukri, Christopher Cieri, Thierry Declerck, Sara Goggi, Hitoshi Isahara, Bente Maegaard, Joseph Mariani, Hélène Mazo, Jan Odijk, and Stelios Piperidis, editors, *Proceedings of the 13th Conference on Language Resources and Evaluation (LREC 2022)*, pages 1137–1149, Marseille, France, 2022. European Language Resources Association.
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- [15] Petr Bělohlávek, Ondřej Plátek, Zdeněk Žabokrtský, and Milan Straka. Using adversarial examples in natural language processing. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Bente Maegaard, Joseph Mariani, Hélène Mazo, Asunción Moreno, Jan Odijk, and Stelios Piperidis, editors, *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018)*, pages 3693–3700, Paris, France, 2018. European Language Resources Association.
- [16] Mateusz Lango, Magda Ševčíková, and Zdeněk Žabokrtský. Semi-Automatic Construction of Word-Formation Networks (for Polish and Spanish). In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Bente Maegaard, Joseph Mariani, Hélène Mazo, Asunción Moreno, Jan Odijk, and Stelios Piperidis, editors, *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018)*, pages 1853–1860, Paris, France, 2018. European Language Resources Association.
- [17] Milan Straka, Nikita Mediankin, Tom Kocmi, Zdeněk Žabokrtský, Vojtěch Hudeček, and Jan Hajič. SumeCzech: Large Czech News-Based Summarization Dataset. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Bente Maegaard, Joseph Mariani, Hélène Mazo, Asunción Moreno, Jan Odijk, and Stelios Piperidis, editors, *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018)*, pages 3488–3495, Paris, France, 2018. European Language Resources Association.
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- [21] Rudolf Rosa, Daniel Zeman, David Mareček, and Zdeněk Žabokrtský. Slavic Forest, Norwegian Wood. In Preslav Nakov, Marcos Zampieri, Nikola Ljubešić, Jörg Tiedemann, Shervin Malmasi, and Ahmed Ali, editors, *Proceedings of the Fourth Workshop on NLP for Similar Languages, Varieties and Dialects (VarDial4)*, pages 210–219, Stroudsburg, PA, USA, 2017. Association for Computational Linguistics, Association for Computational Linguistics.
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- [25] Zhiwei Yu, David Mareček, Zdeněk Žabokrtský, and Daniel Zeman. If You Even Don’t Have a Bit of Bible: Learning Delexicalized POS Taggers. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Marko Grobelnik, Bente Maegaard, Joseph Mariani, Asunción Moreno, Jan Odiijk, and Stelios Piperidis, editors, *Proceedings of the 10th International Conference on Language Resources and Evaluation (LREC 2016)*, pages 96–103, Paris, France, 2016. European Language Resources Association.
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- [33] Magda Ševčíková and Zdeněk Žabokrtský. Word-Formation Network for Czech. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, and Joseph Mariani, editors, *Proceedings of the 9th International Conference on Language Resources and Evaluation (LREC 2014)*, pages 1087–1093, Reykjavík, Iceland, 2014. European Language Resources Association.
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