

## **Books**

1. Popescu, I.-I., Mačutek, J., Kelih, E., Čech, R., Best, K.-H., Altmann, G. (2010). *Vectors and Codes of Text*. Lüdenscheid: RAM-Verlag. 161 pp.
2. Popescu, I.-I., Altmann, G., Grzybek, P., Jayaram, B.D., Köhler, R., Krupa, V., Mačutek, J., Mehler, A., Pustet, R., Uhlířová, L., Vidya, M.N. (2009). *Word Frequency Studies*. Berlin, New York: de Gruyter. 278 pp.
3. Popescu, I.-I., Mačutek, J., Altmann, G. (2009). *Aspects of Word Frequencies*. Lüdenscheid: RAM-Verlag. 193 pp.

## **Edited volumes**

4. Kelih, E., Knight, R., Mačutek, J., Wilson, A. (eds.) (2016). *Issues in Quantitative Linguistics 4*. Lüdenscheid: RAM-Verlag. 287 pp.
5. Mikros, G.K., Mačutek, J. (eds.) (2015). *Sequences in Language and Text*. Berlin, Boston: de Gruyter. 260 pp.
6. Tuzzi, A., Benešová, M., Mačutek, J. (eds.) (2015). *Recent Contributions to Quantitative Linguistics*. Berlin, Boston: de Gruyter. 284 pp.
7. Altmann, G., Čech, R., Mačutek, J., Uhlířová, L. (eds.) (2014). *Empirical Approaches to Language and Text Analysis*. Lüdenscheid: RAM-Verlag. 231 pp.
8. Grzybek, P., Kelih, E., Mačutek, J. (eds.) (2010). *Text and Language. Structures, Functions, Interrelations, Quantitative Perspectives*. Wien: Praesens. 251 pp.

## **Refereed papers**

9. Kosek, P., Čech, R., Navrátilová, O., Mačutek, J. (2018). On the development of Old Czech (en)clitics. *Glottometrics 40*, 51-62.
10. Čech, R., Mačutek, J., Žabokrtský, Z., Horák, A. (2017). Polysemy and synonymy in syntactic dependency networks. *Digital Scholarship in the Humanities 32*, 36-49.
11. Mačutek, J., Čech, R., Milička, J. (2017). Menzerath-Altmann law in syntactic dependency structure. In: Montemagni, S., Nivre, J. (eds.), *Proceedings of the Fourth International Conference on Dependency Linguistics (Depling 2017)* (pp. 100-107). Linköping: Linköping University Electronic Press.
12. Mikros, G.K., Mačutek, J. (2017). Word length distribution and text length: two important factors influencing properties of word length motifs. In: Liu, H., Liang, J. (eds.), *Motifs in Language and Text* (pp. 151-163). Berlin, Boston: de Gruyter.
13. Čech, R., Mačutek, J., Liu, H. (2016). Syntactic complex networks and their applications. In: Mehler, A., Lücking, A., Banisch, S., Blanchard, P., Frank-Job, B. (eds.), *Towards a Theoretical Framework for Analyzing Complex Linguistic Networks* (pp. 167-186). Berlin, Heidelberg: Springer.
14. Kelih, E., Mačutek, J. (2016). Probleme der Modellierung von Lehnbeziehungen (am Beispiel von Serbokroatismen im Slowenischen). In: Kelih, E., Knight, R. Mačutek, J., Wilson, A. (eds.), *Issues in Quantitative Linguistics 4* (pp. 260-272). Lüdenscheid: RAM-Verlag.
15. Koščová, M., Mačutek, J., Kelih, E. (2016). A data-based classification of Slavic languages: Indices of qualitative variation applied to grapheme frequencies. *Journal of Quantitative Linguistics 23*, 177-190.
16. Mačutek, J., Koščová, M., Čech, R. (2016). Lexical compactness across genres in works by Karel Čapek. In: Mayaffre, D., Poudat, C., Vanni, L., Magri, V., Follette, P. (eds.), *Statistical Analysis of Textual Data* (pp. 825-832). Nice: University Nice Sophia Antipolis.
17. Wimmer, G., Mačutek, J. (2016). Lexical text compactness with link length taken into account. In: Kelih, E., Knight, R. Mačutek, J., Wilson, A. (eds.), *Issues in Quantitative Linguistics 4*

- (pp. 217-227). Lüdenscheid: RAM-Verlag.
18. Wimmer, G., Mačutek, J., Altmann, G. (2016). Discrete averaged mixing applied to the logarithmic distributions. *Mathematica Slovaca* 66, 483-491.
  19. Čech, R., Mačutek, J., Koščová, M. (2015). On the relation between verb full valency and synonymy. In: Hajičová, E., Nivre, J. (eds.), *Proceedings of the Third International Conference on Dependency Linguistics (Depling 2015)* (pp. 68-73). Uppsala: Uppsala University.
  20. Mačutek, J. (2015). Type-token relation for word length motifs in Ukrainian texts. In: Tuzzi, A., Benešová, M., Mačutek, J. (eds.), *Recent Contributions to Quantitative Linguistics* (pp. 63-73). Berlin, Boston: de Gruyter.
  21. Mačutek, J., Melicherová, B. (2015). Automatic classification of Ukrainian texts based on distances between words of equal length. *Mathematical Linguistics* 1(1), 57-69.
  22. Mačutek, J., Mikros, G.K. (2015). Menzerath-Altmann law for word length motifs. In: Mikros, G.K., Mačutek, J. (eds.), *Sequences in Language and Text* (pp. 125-131). Berlin, Boston: de Gruyter.
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  24. Mačutek, J. (2014). Complex networks are not (so much) privileged: Comment on “Approaching human language with complex networks” by Cong and Liu. *Physics of Life Reviews* 11, 635-636.
  25. Mačutek, J., Wimmer, G. (2014). A measure of lexical text compactness. In: Altmann, G., Čech, R., Mačutek, J., Uhlířová, L. (eds.), *Empirical Approaches to Language and Text Analysis* (pp. 132-139). Lüdenscheid: RAM-Verlag.
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  27. Mačutek, J., Čech, R. (2013). Frequency and declensional morphology of Czech nouns. In: Obradović, I., Kelih, E., Köhler, R. (eds.), *Methods and Applications of Quantitative Linguistics* (pp. 59-68). Beograd: Akadembska Misao.
  28. Mačutek, J., Wimmer, G. (2013a). Alternative methods of goodness-of-fit evaluation applied to word length data. In: Köhler, R., Altmann, G. (eds.), *Issues in Quantitative Linguistics* 3 (pp. 282-290). Lüdenscheid: RAM-Verlag.
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  30. Wimmer, G., Mačutek, J. (2012). New integrated view at partial-sums distributions. *Tatra Mountains Mathematical Publications* 51, 183-190.
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  34. Mačutek, J., Švehlíková, Z., Cenkerová, Z. (2011). Towards a model for rank-frequency distributions of melodic intervals. *Glottometrics* 21, 60-64.
  35. Čech, R., Mačutek, J. (2010). On quantitative analysis of valency in Czech. In: Grzybek, P., Kelih, E., Mačutek, J. (eds.), *Text and Language. Structures, Functions, Interrelations, Quantitative Perspectives* (pp. 21-29). Wien: Praesens.

36. Čech, R., Pajas, P., Mačutek, J. (2010). Full valency. Verb valency without distinguishing complements and adjuncts. *Journal of Quantitative Linguistics* 17, 291-302.
37. Mačutek, J. (2010). Rank-frequency distributions: a pitfall to be avoided. In: Grzybek, P., Kelih, E., Mačutek, J. (eds.), *Text and Language. Structures, Functions, Interrelations, Quantitative Perspectives* (pp. 119-124). Wien: Praesens.
38. Popescu, I.-I., Mačutek, J., Altmann, G. (2010). Word forms, style and typology. *Glottothecy* 3, 89-96.
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41. Mačutek, J. (2009b). Motif richness. In: Köhler, R. (ed.), *Issues in Quantitative Linguistics* (pp. 51-60). Lüdenscheid: RAM-Verlag.
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44. Buk, S., Mačutek, J., Rovenchak, A. (2008). Some properties of the Ukrainian writing system. *Glottometrics* 16, 63-79.
45. Mačutek, J. (2008a). A generalization of the geometric distribution and its application in quantitative linguistics. *Romanian Reports in Physics* 60, 501-509.
46. Mačutek, J. (2008b). On the distribution of graphemic representations. In: Altmann, G., Fan, F. (eds.), *Analyses of Script. Properties of Characters and Writing Systems* (pp. 75-78). Berlin, New York: de Gruyter.
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56. Mačutek, J. (2005a). Discrete distributions connected by partial summations. *Glottometrics* 11, 51-55.
57. Mačutek, J. (2005b). Properties of the Naranan-Balasubrahmanyam distribution. In: Altmann, G., Levickij, V., Perebyinis, V. (eds.), *Problems of Quantitative Linguistics* (pp. 330-334). Chernivtsi: Ruta.
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### **Book reviews**

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68. Mačutek, J. (2009c). Eom, J. *Rhythmus im Akzent. Zur Modellierung der Akzentverteilung als einer Grundlage des Sprachrhythmus im Russischen*. München: Verlag Otto Sagner, 2006. *Glottometrics* 18, 97-99.
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### **In press**

70. Kosek, P., Navrátilová, O., Čech, R., Mačutek, J. Word order of reflexive *sě* in finite verb phrases in the first edition of the Old Czech Bible translation. *Studia Linguistica Universitatis Jagellonicae Cracoviensis* (to appear).
71. Mačutek, J., Chromý, J., Koščová, M. Menzerath-Altmann law and prothetic /v/ in spoken Czech. *Journal of Quantitative Linguistics* (to appear).
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