

Publikačná činnosť - Mgr. Ľubomír Benko, Ph.D.

Pôvodný recenzovaný článok kategórie JIMP s nenulovým IF>0,5

Munk, M., Benko, Ľ., Gangur, M., Turčáni, M. 2015. Influence of ratio of auxiliary pages on the pre-processing phase of web usage mining. In *EKONOMIE A MANAGEMENT: Informační management*. Wolters Kluwer, 2015, vol. 18, no. 3, p. 144-159. (**Web of Science, 2015IF: 1.242, Q2**) [WoS: 7, Scopus: 1]

Munk, M., Drlík, M., Benko, Ľ., Reichel, J. 2017. Quantitative and Qualitative Evaluation of Sequence Patterns Found by Application of Different Educational Data Preprocessing Techniques. In *IEEE Access*. IEEE, 2017, vol. 5, p. 8989-9004, doi: 10.1109/ACCESS.2017.2706302. (**Web of Science/CCC, 2017IF: 3.557, Q1**) [WoS: 9, Scopus: 5]

Munk, M., Pilková, A., Benko, Ľ., Blažeková, P. 2017. Pillar 3: Market Discipline of the Key Stakeholders in Commercial Bank and Turbulent Times. In *Journal of Business Economics and Management*. Taylor & Francis, 2017, vol. 18, no. 5, p. 954-973, doi: 10.3846/16111699.2017.1360388. (**Web of Science, 2017IF: 1.503, Q2**) [WoS: 0, Scopus: 2]

Munk, M., Munkova, D., Benko, Ľ. 2018. Towards the use of entropy as a measure for the reliability of automatic MT evaluation metrics. In *Journal of Intelligent & Fuzzy Systems*. IOS Press, 2018, vol. 34, no. 5, p. 3225-3233, doi: 10.3233/JIFS-169505. (**Web of Science/CCC, 2018IF: 1.637, Q3**) [WoS: 2, Scopus: 1]

Kapusta, J., Benko, Ľ., Munková, D., Munk, M. 2021. Analysis of Edit Operations for Post-editing Systems. In *International Journal of Computational Intelligence Systems*. Springer, 2021, vol. 14, ar. 197, doi: 10.1007/s44196-021-00048-3. (**Web of Science, 2020IF: 1.736, Q3**) [WoS: 1, Scopus: 0]

Munková, D., Munk, M., Benko, Ľ., Hájek, P. 2021. The role of automated evaluation techniques in online professional translator training. In *PeerJ Computer Science*. PeerJ Inc., ISSN 2376-5992, doi: 10.7717/peerj-cs.706. (**Web of Science, 2021IF: 2.411, Q3**) [WoS: 2, Scopus: 0]

Munk, M., Pilková, A., Benko, Ľ., Blažeková, P., Švec, P. 2021. Web usage analysis of Pillar 3 disclosed information by deposit customers in turbulent times. In *Expert Systems with Applications*. Elsevier, ISSN 0957-4174, vol. 185, ar. 115503, doi: 10.1016/j.eswa.2021.115503. (**Web of Science, 2021IF: 8.665, Q1**) [WoS: 2, Scopus: 1]

Munková, D., Munk, M., Benko, Ľ., Štastný, J. 2021. MT evaluation in the context of language complexity. In *Complexity*. Wiley-Hindawi, ISSN 1076-2787, vol. 2021, ar. 2806108, doi: 10.1155/2021/2806108. (**Web of Science, 2021IF: 2.121, Q2**) [WoS: 2, Scopus: 0]

Pilková, A., Munk, M., Benko, Ľ., Blažeková, P., Kapusta, J. 2021. Pillar 3: Does banking regulation support stakeholders' interest in banks financial and risk profile?. In *PLoS ONE*. PLOS, ISSN 1932-6203, vol. 16, no. 10, ar. e0258449, doi: 10.1371/journal.pone.0258449. (**Web of Science, 2021IF: 3.752, Q2**) [WoS: 0, Scopus: 0]

Francisti, J., Balogh, Z., Reichel, J., Benko, Ľ., Fodor, K., Turcáni, M. 2023. Identification of heard rate change during the teaching process. In *Scientific Reports*. Springer Nature, vol. 13, no. 1, ar. 16674, doi: 10.1038/s41598-023-43763-x. (**Web of Science, 2022IF: 4.6, Q2**) [WoS: 0, Scopus: 0]

Benko, Ľ., Munkova, D., Munk, M., Benkova, L., Hajek, P. 2024. The use of residual analysis to improve the error rate accuracy of machine translation. In *Scientific Reports*. Springer Nature (v recenznom konaní od 2023, 3. kolo) (**Web of Science, 2022IF: 4.6, Q2**)

Benko, Ľ., Munkova, D., Pappova, M., Munk, M. 2024. Comparison of various approaches to tagging for the inflectional slovak language. In *PeerJ Computer Science*. PeerJ Inc. (v recenznom konaní od 2023, 2. kolo) (**Web of Science, 2022IF: 3.8, Q2**)

Benko, Ľ., Pilková, A., Munk, M., Eley, S. 2024. Pillar 3: The Impact of Language Complexity on the Preferences of Commercial Bank Website Users. In *Expert Systems with Applications*. Elsevier. (v recenznom konaní od 2024, 1. kolo) (**Web of Science, 2022IF: 8.5, Q1**)

Pôvodný recenzovaný článok kategórie Jsc

Munk, M., Pilková, A., Benko, L., Blažeková, P., Švec, P. 2021. Pillar 3–Pre-processed web server log file dataset of the banking institution. In *Data in Brief*. Elsevier, vol. 39, ar. 107672, doi: 10.1016/j.dib.2021.107672. (**Web of Science; Scopus**) [WoS: 1, Scopus: 0]

Munk, M., Pilková, A., Benko, L., Blažeková, P., Švec, P. 2021. Methodology of stakeholders' behaviour modelling based on time. In *MethodsX*. Elsevier, vol. 8, ar. 101570, doi: 10.1016/j.mex.2021.101570. (**Web of Science; Scopus**) [WoS: 0, Scopus: 1]

Stahl, J., Munkova, D., Benko, L., Hudecova, E. 2023. Maschinelle, posteditierte und menschliche Übersetzung publizistischer und populärwissenschaftlicher Texte aus dem Slowakischen ins Deutsche. In *Lebende Sprachen*. Walter de Gruyter, vol. 68, no. 2, p. 259-282, doi: 10.1515/les-2022-1039. (**Scopus**) [Scopus: 0]

Zahraničná monografia/odborná kniha alebo v nej samostatná kapitola (za AA)

Bánik, T., Benko, L. et al. 2019. *Wie irrt die Maschine? : Probleme der maschinellen Übersetzung*. Hamburg : Verlag Dr. Kovač, 2019. 204 p. ISBN 978-3-339-10626-1.

Blažeková, P., Benko, L., Pilková, A., Munk, M. 2021. Is Pillar 3 a Good Tool for Stakeholders in CEE Commercial Banks?. In Natalia Kryvinska, Aneta Poniszewska-Marańda, *Developments in Information & Knowledge Management for Business Applications: Studies in Systems, Decision and Control*. Springer, 2021. ISBN 978-3-030-76631-3, p. 421-440, doi: 10.1007/978-3-030-76632-0_15. (**Scopus**) [Scopus: 0]

Pilková, A., Munk, M., Blažeková, P., Benko, L. 2021. Web usage analysis: Pillar 3 information assessment in turbulent times. In Abedin M.Z., Hassan M.K., Hajek P., Uddin M.M., *The Essentials of Machine Learning in Finance and Accounting*. Routledge, 2021. ISBN 978-100039411-5, p. 157-179, doi: 10.4324/97810003037903. (**Scopus**) [Scopus: 1]

Skalka, J., Benko, L., Drlik, M., Munk, M., Svec, P. 2022. Guidance for Introductory Programming Courses Creation Using Microlearning and Automated Assessment. In Smyrnova-Trybulska, E., Kommers, P., Drlik, M., Skalka, J., *Microlearning: New Approaches To A More Effective Higher Education*. Springer, 2022. ISBN 978-303113359-6, p. 43-56, doi: 10.1007/978-3-030-97095-6_3. (**Scopus**) [Scopus: 0]

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Benko, L. 2017. Spracovanie a príprava textových dát strojového prekladu; recenzenti: Peter Ďurčo, Natália Korina. In *Mýliť sa je ľudské (ale aj strojové) : analýza chýb strojového prekladu do slovenčiny / Daša Munková a kol.* 1. vyd. Nitra : UKF, 2017. 197-214. ISBN 978-80-558-1255-7.

Príspevok v zborníku z konferencie uvedený vo WoS/Scopus

Benko, L., Reichel, J., Munk, M. 2015. Analysis of student behavior in virtual learning environment depending on student assessments. In *ICETA 2015: 13th International Conference on Emerging eLearning Technologies and Applications*. IEEE, 2015, p. 33-38. (**Web of Science; Scopus**) [WoS: 0, Scopus: 2]

Reichel, J., Kuna, P., Benko, L., Munk, M. 2015. Visit rate analysis of course activities: case study. In *ICETA 2015: 13th International Conference on Emerging eLearning Technologies and Applications*. IEEE, 2015, p. 319-324. (**Web of Science; Scopus**) [WoS: 0, Scopus: 0]

Benko, L., Munková, D. 2016. Application of POS Tagging in Machine Translation Evaluation. In *DIVAI 2016: 11th International Scientific Conference on Distance Learning in Applied Informatics*. Wolters Kluwer, 2016, p. 471-489. (**Web of Science**) [WoS: 1]

Munk, M., Munková, D., Benko, L. 2016. Identification of Relevant and Redundant Automatic Metrics for MT Evaluation. In *Lecture Notes in Computer Science*. Springer, 2016, vol. 10053, p. 141-152. (**Web of Science; Scopus**) [WoS: 2, Scopus: 0]

Munk, M., Benko, L. 2016. Improving the session identification using the ratio of auxiliary pages estimate. In *Lecture Notes in Electrical Engineering*. Springer, 2016, vol. 381, p. 551-556. (**Web of Science; Scopus**) [WoS: 0, Scopus: 0]

Munk, M., Benko, L. 2018. Unconventional Usage of Entropy in the Field of Web Usage Data Preprocessing and Machine Translation Evaluation. In *Lecture Notes in Electrical Engineering*. Springer, 2017, vol. 428, p. 281-286, doi: 10.1007/978-3-319-53934-8_34. (**Web of Science; Scopus**) [WoS: 0, Scopus: 0]

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Munková, D., Munk, M., Benko, L., Absolón, J. 2019. From Old Fashioned “One Size Fits All” to Tailor Made Online Training. In *Advances in Intelligent Systems and Computing*. Springer, 2019, p. 365-376, doi: 10.1007/978-3-030-11932-4_35. (**Web of Science; Scopus**) [WoS: 0, Scopus: 1]

Magdin, M., Benko, L., Kohútek, M., Koprda, Š. 2019. Using the SDK Affdex for a Complex Recognition System Based on a Webcam. In *Iceta 2019: 17th IEEE International Conference on Emerging eLearning Technologies and Applications*. IEEE, 2019, p. 499-504. (**Scopus**) [Scopus: 2]

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Švec, P., Benko, L., Kadlečík, M., Kratochvíl, J., Munk, M. 2020. Web Usage Mining: Data Pre-processing Impact on Found Knowledge in Predictive Modelling. In *Procedia Computer Science*. Elsevier, 2020, p. 168-178, doi: 10.1016/j.procs.2020.04.018. (**Scopus**) [Scopus: 10]

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Benko, L., Blažeková, P., Munk, M., Pilková, A. 2020. Time Spent on Web Page as an Indicator of Interest. In *DIVAI 2020: 13th International Scientific Conference on Distance Learning in Applied Informatics*. Wolters Kluwer, 2020, p. 489-497. (**Web of Science**) [WoS: 0]

Benko, L., Benkova, L., Munkova, D., Munk, M., Shulzenko, D. 2022. Error Classification Using Automatic Measures Based on n-grams and Edit Distance. In *2nd International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability, ARTIIS 2022*. Springer, 2022, p. 345-356, doi: 10.1007/978-3-031-20319-0_26. (**Scopus**) [Scopus: 0]

Reichel, J., Benko, L. 2022. The Influence of a Machine Translation System on Sentiment Levels. In *16th Workshop on Recent Advances in Slavonic Natural Language Processing, RASLAN 2022*. Tribun EU, 2022, p. 201-208, ISBN 978-802631752-4. (**Scopus**) [Scopus: 0]

Benkova, L., Benko, L. 2022. Evaluation of Various Approaches to Compute BLEU Metrics. In *16th Workshop on Recent Advances in Slavonic Natural Language Processing, RASLAN 2022*. Tribun EU, 2022, p. 71-78, ISBN 978-802631752-4. (**Scopus**) [Scopus: 0]

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