

## Списък на научните трудове за участие в конкурса

- [1] E. Stoimenova (2011). Power of exceedance-type tests under Lehmann alternatives. *Communications in Statistics – Theory and Methods*, 40 (4):731–744. IF(2010) 0.351.
- [2] E. Stoimenova and N. Balakrishnan (2011). A class of exceedance-type statistics for the two-sample problem. *Journal of Statistical Planning and Inference*, 141 (9):3244–3255. IF(2010) 0.691.
- [3] E. Stoimenova and N. Balakrishnan (2011). On the joint distribution of precedences and exceedances for the two-sample problem. *Austrian Journal of Statistics*, 40 (1& 2):157–166.
- [4] E. Stoimenova and N. Balakrishnan (2010). On the joint distribution of precedences and exceedances for the two-sample problem. In *Computer Data Analysis and Modeling* (eds. S. Aivazian, P. Filzmoser, and Yu. Kharin), vol. 1 of *Proceedings of the 9-th Intern. Conf. Minsk*, 116–119, Publ. center of BSU, Minsk.
- [5] E. Stoimenova (2010). Joint distribution of precedences and exceedances in two-sample model. *Compt. Rend. Acad. Bulg. Sci.*, 63 (3):331–338. IF(2010) 0.219.
- [6] E. Stoimenova (2009). Exceedance-type test against lehmann alternatives. In *ASMDA-2009 Selected papers* (eds C. Skiadas L. Sakalauskas and E. K. Zavadskas), of the XIII International Conference “Applied Stochastic Models and Data Analysis”, 432—436, Vilnius.
- [7] E. Stoimenova and G. N. Boshnakov (2009). Power of rank tests against location shift alternative. In *Proceedings of the seventh International Conference on Simulation in Industry and Services* (eds. F. Cole, F. Mallor, E. Omey, and S. Van Gulck), 117–135, Universidad Publica, Pamplona, Spain. de Navarra.
- [8] E. Stoimenova (2008). Exceedance-type statistic under Lehmann alternatives. *Compt. Rend. Acad. Bulg. Sci.*, 61 (12):1517–1524. IF(2010) 0.219.
- [9] E. Stoimenova (2007). Two-sample rank tests based on exceeding observations. *Applications of Mathematics*, 52(4):345–352. IF(2010) 0,39.
- [10] E. Stoimenova (2000). Rank tests based on exceeding observations. *Ann. Inst. Stat. Math.*, 52(2):255–266. IF(2010) 0.966.
- [11] E. Stoimenova (1996). On statistical properties of Chebyshev’s norm. *Stat. Probab. Lett.*, 29(1):89–93. IF(2010) 0.443.
- [12] E. Stoimenova (1996). Testing for a trend in partial rankings. *Statistics*, 27:339–343. IF(2010) 0.721.

- [13] E. Stoimenova (2007). Nadaraya-Watson Density estimation for interval censored data. In *Computer Data Analysis and Modeling* (eds. S. Aivazian, P. Filzmoser, and Yu. Kharin), vol. 1 of *Proceedings of the 8-th Intern. Conf. Minsk*, 104–107, Publ. center of BSU, Minsk.
- [14] E. Stoimenova (2008). Empirical density estimation for interval censored data. *Austrian Journal of Statistics*, 37:119–128.
- [15] E. Stoimenova (2009). Exploring distribution of fuzzy data. In *Proceedings of the 6th International Conference for Informatics and Information Technology, February, 10-14, Bitola, Macedonia*, pages 23–27. Skopje, ISBN 978-9989-668-78-4.
- [16] N. Philipova, N. Nikolov, E. Stoimenova, G. Pichurov, and D. Markov (2011). Mathematical modeling drip emitter discharge of triangular labyrinth channel. *Compt. Rend. Acad. Bulg. Sci.*, 64:133–140. IF(2010) 0.219.
- [17] A. Yanakieva, M. Datcheva, and E. Stoimenova (2011). Statistical analysis of the effect of epoxy insulated steel bar on the pull-out bonding. *Compt. Rend. Acad. Bulg. Sci.*, 64:1035–1042. IF(2010) 0.219.
- [18] Landjeva S., V. Korzun, E. Stoimenova, B. Truberg, G. Ganeva, and A. Böerner (2008). The contribution of the gibberellin-insensitive semi-dwarfing (Rht) genes to genetic variation in wheat seedling growth in response to osmotic stress. *Journal of Agricultural Science*, 146 (3):275–286. IF(2010) 1.418.
- [19] M. Kartalev, M. Dryer, K. Grigorov, and E. Stoimenova (2006). Solar wind polytropic index estimates based on single spacecraft plasma and interplanetary magnetic field measurements. *Journal of Geophysical Research - Space Physics*, 111, No. A10, A10107:1–16. IF(2010) 3.303.
- [20] E. Stoimenova, Y. Lins, M. Datcheva, and T. Schanz (2006). Inverse modelling of soil hydraulic characteristic functions. In K. Guerlebeck and C. Koenke, editors, *Proceedings of the 17th International Conference on the Application of Computer Science and Mathematics in Architecture and Civil Engineering*. Weimar, Germany.
- [21] E. Stoimenova, M. Datcheva, and T. Schanz (2005). Statistical approach in soil-water characteristic curve modeling. In T. Schanz, editor, *Unsaturated Soils Numerical and Theoretical Approaches*, volume 94/II of *Springer Proceedings in Physics*, 189–200, Springer-Verlag, Berlin.
- [22] E. Stoimenova, M. Datcheva, and T. Schanz (2004). Application of two-phase regression to geotechnical data. *Pliska Stud. Math. Bulgar.*, 16:245–257.
- [23] E. Стоименова. *Измерителни качества на тестове*. Нов български университет, 2000.