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PhD University of Zagreb, 1997

Research interest: Mathematical statistics; Statistical applications

Recent publications:

- [1] M. Benšić, *Fitting distribution to data by a generalized nonlinear least squares method*, **Communications in statistics-simulation and computation** **43/4** (2014), 687-705
- [2] M. Benšić, K. Sabo, *Estimating a uniform distribution when data are measured with a normal additive error with unknown variance*, **Statistics. A Journal of Theoretical and Applied Statistics**, **44/3** (2010), 235-246
- [3] K. Sabo, M. Benšić, *Border Estimation of a Disc Observed with Random Errors Solved in two steps*, **Journal of Computational and Applied Mathematics**, **229** (2009) 1; 16-26.
- [4] D. Jukić, M. Benšić, R. Scitovski, *On the existence of the nonlinear weighted least squares estimate for a three-parameter Weibull distribution*, **Computational Statistics & Data Analysis** **52**, (2008) 4502-4511
- [5] M. Benšić, K. Sabo, *Estimating the width of a uniform distribution when data are measured with additive normal errors with known variance*, **Computational Statistics & Data Analysis**, Vol. 51, No. 9 (2007), 4731-4741

Selected publications:

- [1] N.N. Leonenko, M. Šilac-Benšić, *Asymptotic properties of the LSE in a regression model with long-memory Gaussian and non-Gaussian errors*, **Random Oper. and Stoch. Equ.**, Vol. 4, No. 1 (1996) 17-32
- [2] N.N. Leonenko, M. Benšić, *On estimation of regression coefficients of long memory random fields observed on the arrays*, **Random Oper. and Stoch. Equ.** Vol. 6, No. 1 (1998), 108-119
- [3] M. Benšić, K. Sabo, *Border Estimation of a Two-dimensional Uniform Distribution if Data are Measured with Additive Error*, **Statistics. A Journal of Theoretical and Applied Statistics**, **41**, No. 4 (2007) 311-319
- [4] M. Benšić, K. Sabo, *Estimating a uniform distribution when data are measured with a normal additive error with unknown variance*, **Statistics. A Journal of Theoretical and Applied Statistics**, **44** (2010) 3; 235-246.
- [5] M. Benšić, *Fitting distribution to data by a generalized nonlinear least squares method*, **Communications in statistics-simulation and computation** **43/4** (2014), 687-705