

Hannelore Liero

Publications

Refereed Papers

- Liero, H. Testing in Nonparametric Accelerated Life Time Models. *Austrian Journal of Statistics*, Vol. 37-1 , 2008
- González Debén, A., Liero, H., Läuter, H. and Sánchez García Algunas consideraciones practicas acerca de la estimacion de parametros en el modelo clasico de clases latentes. *Investigación operacional, Ciencia Matemáticas*,12:20–27, 2006
- Liero, H. Testing homoscedasticity in nonparametric regression. *Nonparametric Statistics*, 15:31 – 51, 2003
- Liero, H. L_2 -tests for sparse multinomials. *Statistics & Probability Letters*, 55: 147 – 158, 2001
- Liero, H. Testing in sparse contingency tables. *Proceedings of the 6th International Conference on Computer Data Analysis and Modeling 2001*, Minsk 2001
- Liero, H. and Läuter, H. and Konakov, V. D. Nonparametric versus parametric goodness of fit. *Statistics*, 31: 115–149, 1998,
- Liero, H. A note on the asymptotic behaviour of the distance of the knth nearest neighbour. *Statistics*, 24: 235-243, 1993
- Liero, H. Asymptotic normality of a weighted integrated square error of kernel regression estimates with data-dependent bandwidth. *J. Statistical Planning and Inference*, 30:307-325, 1992
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Papers in books

- Liero, H., Liero, M. Testing the influence function in accelerated life time models in *Statistical models and methods for biomedical and technical systems*, Eds. F.Vonta, M. Nikulin, N. Limnios and C. Huber, Birkhauser, Boston 2008.
- Läuter, H., Liero, H. Nonparametric estimation and testing in survival models in: *Probability, Statistics and Modelling in Public Health*, Eds. M. Nikulin, D. Commenges and C. Huber, Springer, 2006
- Liero, H. Goodness of fit tests of L_2 -type in: *Statistical Inference For Semi-parametric Models and Applications*, Eds. M. Nikulin, N. Balakrishnan, N. Limnios and M. Mesbah, Birkhäuser, 2003
- Liero, H. Asymptotic behavior of conditional U-statistics. In: *Order Statistics and Nonparametrics: Theory and Applications* Ed. Sen, P. K. and Salama, I. A., Satellite Conference of the ISI, Alexandria 1991, 1992

Theses

- Liero, H. Global Measures of Deviation of Nonparametric Curve Estimators. Habilitationsschrift, Mathematisch- Naturwissenschaftliche Fakultät der Universität Potsdam, 1999
- Liero, H. Nichtparametrische Schätzungen der Regressionsfunktion. Dissertation Akademie der Wissenschaften der DDR, 1985
- Wandl (Liero), H. Schätzung von Kovarianzparametern und gemischte lineare Modelle. Diplomarbeit, Sektion Mathematik der Humboldt-Universität zu Berlin, 1977

Reports, Manuscripts and Preprints

- Liero, H. Estimation and Testing the Effect of Covariates in Accelerated Life Time Models under Censoring; *Preprint of the Mathematical Institute of the University of Potsdam, to appear 2009*
- Läuter, H., Liero, H. and Palkowski, F. Algorithmen für die Parameterbestimmung von Preislimiten für den Stromtrancheneinkauf; *Abschlussbericht zum Vertrag zwischen Lehrstuhl Mathematische Statistik der Universität Potsdam und E.ON edis AG, 2006*
- Liero, H., Zwanzig, S. Statistical Inference, Textbook; *Preprint University of Uppsala; will be submitted*
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- González, A., Liero, H., Sánchez, J. Some Remarks about a simulation study for a latent class model under sparseness. *Preliminary Preprint of the Mathematical Institute of the University of Potsdam, 2003*
- Liero, H. Testing the hazard rate, Part I. *Preprint of the Mathematical Institute of the University of Potsdam, 2003/17 2003*
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- Liero, H. Testing Homoscedasticity in Nonparametric Regression. *Preprint of the Mathematical Institute of the University of Potsdam* , 2000
- Liero, H. Testing sparse multinomials. *Preprint of the Mathematical Institute of the University of Potsdam* 2000
- Läuter, H. and Liero, H. Ill-posed problems and their optimal regularization. *Preprint-Serie of the Sonderforschungsbereich 373 at the Humboldt-University Berlin and the University of Potsdam.* 1996
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