



Estimation of Risk Measures from Data -- Estimators, Computation, Robustness and Elicitability

Guest Editor:

Prof. Dr. Peter Ruckdeschel
Institute for Mathematics, School of Mathematics and Science, Carl von Ossietzky University Oldenburg, PO box 2503, 26111 Oldenburg (Oldb), Germany

Deadline for manuscript submissions:

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Message from the Guest Editor

Computation of risk measures for both regulatory and internal use has become daily use in financial services, banking and insurances, but also beyond. This touches several statistical aspects with many open questions and issues and is reflected by the following (non-exhaustive) list of topics:

- + statistical models (parametric, non-parametric, semi-parametric)
- + stability and efficiency of estimates (in terms of precision and computational time)
- + acceptable model assumptions (e.g., stationarity, ergodicity)
- + statistical models for dependence in the underlyings (and their stability)
- + regime switching models
- + recovery times of risk measure estimates after shocks
- + weighting schemes for observations
- + decisions on rolling/growing/disjoint windows for estimation and validation
- + estimators derived from extreme value statistics
- + behaviour as to outliers, missing values and/or with violated model assumptions
- + accounting for time dependence in validation tests





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Editor-in-Chief

Prof. Dr. Steven Haberman

Faculty of Actuarial Science and
Insurance, Bayes Business
School, City University of London,
106 Bunhill Row, London EC1Y
8TZ, UK

Message from the Editor-in-Chief

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- contribute with insight, outlook, understanding and overview, no matter how simple they are;
- show creativity in pedagogical tricks and techniques;
- help the transfer of theoretical research to public and private application;
- show responsibility for societal impact.

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Contact Us

Risks Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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