Schriftenverzeichnis

H. Rieder, May 2021

1. Least favorable pairs for special capacities. *Annals of Statistics* (1977) **5** 909–921.

2. A robust asymptotic testing model. *Annals of Statistics* (1978) **6** 1080–1094.

3. Estimates derived from robust tests. *Annals of Statistics* (1980) **8** 106–115.

4. Locally robust correlation coefficients. *Communic. in Statistics* (1980) **A9** 803–819.

5. Robustness of one- and two-sample rank tests against gross errors.
   Annals of Statistics (1981) **9** 245–265.

6. On local asymptotic minimaxity and admissibility in robust estimation.
   Annals of Statistics (1981) **9** 266–277.

7. A general robustness property of rank correlations.
   Communications in Statistics (1981) **A11** 223–234.

8. Qualitative robustness of rank tests. *Annals of Statistics* (1982) **10** 205–211.

9. Continuity properties of rank procedures. *Statistics and Decisions* (1983) **1** 341–369.

10. Robust estimation of one real parameter when nuisance parameters are present.
    In *Transactions of the Ninth Prague Conference on Information Theory, Statistical Decision Functions, and Random Processes*. Reidel, Dordrecht (1983) **A** 77–89.

11. *Robust estimation of functionals.* Technical report (1985), 98 pp.

12. Contamination games in a robust k-sample model. *Statistics* (1987) **18** 527–562.

13. Robust regression estimators and their least favorable contamination curves.
    Statistics and Decisions (1987) **5** 307–336.

14. A finite-sample minimax regression estimator. *Statistics* (1989) **20** 211–221.

15. Robust testing of functionals. In *Directions in Robust Statistics and Diagnostics II* (eds. W. Stahel, S. Weisberg). The IMA Volumes in Mathematics and Its Applications, Springer Verlag, New York (1991) **34** 159–183.

16. *Robust Asymptotic Statistics.* Springer Verlag, New York (1994), xxii+390 pp.

17. Robustness in structured models. In *Grundlagen der Statistik und ihre Anwendungen* (eds. H. Rinne, B. Rüger, H. Strecker). Physika–Verlag, Heidelberg (1995) 172–185.

18. *Robust Statistics, Data Analysis and Computer Intensive Methods*—in honor of Peter J. Huber's 60th (editor). Springer Lecture Notes in Statistics # 109 (1996), xiii+427 pp.

19. Estimation of mortalities.
    Bl. d. Dt .Ges. Vers. Math. (1996) **22** 787–816 und (1997) **23** 239–241.

20. Buchbeitrag: Nonparametric density estimation—mathematical proofs and supplements. Section 3.7, pp 97–115, in Härdle et al. (1999): *Non- and semiparametric modeling*. Springer Verlag.

21. (with P. Ruckdeschel) Short proofs on L_r-differentiability.
    Statistics and Decisions (2001) **19** 419–425.

22. (with P. Ruckdeschel) Optimal influence curves for general loss functions.
Statistics and Decisions (2004) **22** 201–223.

23. (with M. Kohl and P. Ruckdeschel) The cost of not knowing the radius.
Statistical Methods & Applications (2008) **17** 13–40.

24. (with R. Hable and P. Ruckdeschel) Optimal robust influence functions in semiparametric regression. *Journal Statist. Plan. & Inference* (2010) **140**, 226–245.

25. (with M. Kohl and P. Ruckdeschel) Infinitesimally robust estimation in general smoothly parametrized models. *Statistical Methods & Applications* (2010) **19**, 333–354.

26. (with P. Ruckdeschel) Fisher information of scale.
Statistics and Probability Letters **80** (2010), 1881–1885.

27. Robust estimation for time series models.
`http://www.staff.uni-bayreuth.de/~bt160035/zzk12Jun03.pdf`

28. Neighborhoods as nuisance parameters? Robustness vs. semiparametrics.
Discussion Paper Nr. 25, SFB 373, 35 pp.   `arXiv.org > math > arXiv: 1412.1711`
and `http://www.staff.uni-bayreuth.de/~bt160035/NS.pdf`

29. One-sided confidence about functionals over tangent cones.
Discussion Paper Nr. 26, SFB 373, 30 pp.   `arXiv.org > math > arXiv: 1412.1701`
and `http://www.staff.uni-bayreuth.de/~bt160035/CC.pdf` and:

30. (with P. Ruckdeschel) Nonuniform convergence of adaptive estimators in time series.
Manuscript presented at DStatG Nürnberg 16. Sep. 2010.
`http://www.staff.uni-bayreuth.de/~bt160035/UU.pdf`

31. (with M. Kohl) Robust adaptivity.
Paper presented at DStatG Nürnberg 16. Sep. 2010 and at EPF Lausanne 2. Dec. 2010.
`http://www.staff.uni-bayreuth.de/~bt160035/EPFL2Dec10.pdf`

32. Connections between Semiparametrics and Robustness.
Paper presented at Tsinghua University, Peking, 23. and 28. May 2013.
`http://www.staff.uni-bayreuth.de/~bt160035/PEK2328May13.pdf`
and: `arXiv.org > math > arXiv: 1306.5461`