

Curriculum Vitae

Prof. Dr. Friedrich Leisch

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Personal Data

Born: July 31, 1968 in Vienna, Austria
Nationality: Austrian

Education

1978–1986 High School, BG & BRG Mödling, Austria
1987–1993 University studies in Applied Mathematics (“Technische Mathematik”), Vienna University of Technology, Dipl.-Ing. (corresponding to M.Sc.), with distinction
1999 Dr.techn. (corresponding to Ph.D.) in Applied Mathematics, Vienna University of Technology, with distinction
2005 Habilitation in Statistics, Vienna University of Technology.

Career History and Visiting Positions

1994–2006 Assistant Professor, Department of Statistics and Probability Theory, Vienna University of Technology, Austria
1995 Kurt Gödel scholarship for research at Knowledge based Engineering Systems Group, University of South Australia, Adelaide, Australia (9 months)
2002–2003 Assistant Professor, Department of Statistics and Decision Support Systems, University of Vienna (6 months), Austria
2006–now Professor, Department of Statistics, University of Munich, Germany

Scientific Cooperations

Statistical Computing: R project for statistical computing (<http://www.R-project.org>): member of core development team since 1997, editor of R News 2001–2003, secretary general of the R Foundation since 2002.

Omega project for statistical computing (<http://www.omegahat.org>): member of core development team since 1999.

Bioconductor project for statistical software in bioinformatics (<http://www.bioconductor.org>): member of core development team since 2001.

Wirtschaftsuniversität Wien: Center of Excellence “Adaptive Information Systems and Modelling in Economics and Management Science (SFB 010)” (<http://www.wu-wien.ac.at/am>): member 1997–2004, board member 1999–2004.

Medizinuniversität Wien: Member of research group “Psychiatric Genetics”, University Hospital of General Psychiatry, Vienna General Hospital (AKH Wien) since 1998.

Universität für Bodenkultur Wien: Cooperation partner of the Austrian Center of Biopharmaceutical Technology (<http://www.acbt.at>) since 2004.

University of Wollongong: Professorial Research Fellow, School of Marketing, University of Wollongong, Australia.

Other Career-Related Activities

Research Visits: Knowledge-Based Engineering Systems Group, University of South Australia, February 2001 (1 month)
School of Marketing, University of Wollongong, Australia, February 2004 & March 2007 (1 month each)

Memberships: American Statistical Association, International Association for Statistical Computing (board member), Österreichische Statistische Gesellschaft (board member, head of working group “Computational Statistics”)

Editor: Associate Editor of “Computational Statistics”, (Springer-Verlag) 2005–2006, Editor-in-Chief since 2007
Editor of “R News” 2001–2003.

Reviews: for the journals *Annals of Operations Research*, *Applied Artificial Intelligence*, *Bioinformatics*, *Computational Statistics*, *Computational Statistics and Data Analysis*, *Electrophoresis*, *Empirical Economics*, *Engineering Intelligent Systems*, *IEE Proceedings of Vision, Image and Signal Processing*, *IEEE Computational Intelligence Magazine*, *IEEE Transactions on Neural Networks*, *IEEE Transactions on Pattern Analysis & Machine Intelligence*, *IEEE Transactions on Signal Processing*, *IEEE Transactions on Systems, Man, and Cybernetics*, *Journal on Bioinformatics and Systems Biology*, *Journal of Computational and Graphical Statistics*, *Journal of Discrete Algorithms*, *Journal of Econometrics*, *Journal of Statistical Software*, *Mathematical Modelling of Systems*, *Neural Computation*, *Neural Processing Letters*, *Pattern Analysis and Applications*, *Physics Letters A*, *Public Library of Science ONE*, *R News*, *Statistical Applications in Genetics and Molecular Biology*, *Statistics and Computing*, *Statistical Modelling*, *Statistical Papers*, *The Econometrics Journal*, *Zeitschrift für betriebswirtschaftliche Forschung*

Awards: Co-awarded Schizophrenia Research Award 2001 & 2003 (Austrian Society for Neuropsychopharmacology and Biological Psychiatry),
WU Best Paper Award 2003 (City of Vienna),
Poster Award of the 4th International Forum on Mood and Anxiety Disorders 2003,
Charles R. Goeldner Article of Excellence 2004 (Journal of Travel Research)

Grants: FFF project 806259 “eDirect Marketing Solutions” (jointly with UPPER Network GmbH): Austrian Industrial Research Promotion Fund, 2003

FWF project P17382-N12 “Identification and Estimation of Finite Mixture Models”: Austrian Science Fund, 2004–2007.

ARC Linkage International Grant LX0559628 “Advanced Issues in Market Segmentation Research” (jointly with Sara Dolnicar): Australian Research Council, 2005–2007.

ARC Linkage International Grant LX0881890 “Response Style Heterogeneity in Empirical Marketing Research” (jointly with Sara Dolnicar): Australian Research Council, 2008–2010.

Conference Organization: Member of organizing committee of DSC 1999, 2001 & 2003, ICANN 2001, useR! 2004 & 2006 (all Vienna, Austria), useR! 2008 (Dortmund, Germany), Reisingburg meeting “Statistical Computing” 2006, 2007 & 2008 (Günzburg, Germany).

Member of scientific program committee of DSC 2007 (Auckland, New Zealand).

Research Interests: Statistical computing, market segmentation, biostatistics, econometrics, classification, cluster analysis, time series analysis; software development and statistical applications in economics, management science and biomedical research.

Publications

Methodological Articles in Refereed Journals

1. A. Weingessel, H. Bischof, K. Hornik, and F. Leisch. Adaptive combination of PCA and VQ networks. *IEEE Transactions on Neural Networks*, 8(5):1208–1211, 1997
2. F. Leisch, L. C. Jain, and K. Hornik. Cross-validation with active pattern selection for neural network classifiers. *IEEE Transactions on Neural Networks*, 9(1):35–41, 1998
3. S. Dolnicar and F. Leisch. Behavioral market segmentation using the bagged clustering approach based on binary guest survey data: Exploring and visualizing unobserved heterogeneity. *Tourism Analysis*, 5(2–4):163–170, 2000
4. F. Leisch, K. Hornik, and C.-M. Kuan. Monitoring structural changes with the generalized fluctuation test. *Econometric Theory*, 16:835–854, 2000
5. A. Trapletti, F. Leisch, and K. Hornik. Stationary and integrated autoregressive neural network processes. *Neural Computation*, 12(10):2427–2450, 2000
6. A. Trapletti, A. Geyer, and F. Leisch. Forecasting exchange rates using cointegration models and intra-day data. *Journal of Forecasting*, 21:151–166, 2002
7. A. Zeileis, F. Leisch, K. Hornik, and C. Kleiber. **strucchange**: An R package for testing for structural change in linear regression models. *Journal of Statistical Software*, 7(2):1–38, 2002
8. S. Dolničar and F. Leisch. Winter tourist segments in Austria: Identifying stable vacation styles using bagged clustering techniques. *Journal of Travel Research*, 41(3):281–292, 2003
9. D. Meyer, C. Buchta, A. Karatzoglou, F. Leisch, and K. Hornik. A simulation framework for heterogeneous agents. *Computational Economics*, 22(2):285–301, October 2003
10. D. Meyer, F. Leisch, and K. Hornik. The support vector machine under test. *Neurocomputing*, 55:169–186, September 2003
11. S. Dolničar and F. Leisch. Segmenting markets by bagged clustering. *Australasian Marketing Journal*, 12(1):51–65, 2004
12. S. Dolnicar and F. Leisch. Delivering the right tourist service to the right people—a comparison of segmentation approaches. *The Journal of Quality Assurance in Hospitality and Tourism*, 5(2):189–207, 2004
13. R. C. Gentleman, V. J. Carey, D. M. Bates, B. Bolstad, M. Dettling, S. Dudoit, B. Ellis, L. Gautier, Y. Ge, J. Gentry, K. Hornik, T. Hothorn, W. Huber, S. Iacus, R. Irizarry, F. Leisch, C. Li, M. Maechler, A. J. Rossini, G. Sawitzki, C. Smith, G. Smyth, L. Tierney, J. Y. Yang, and J. Zhang. Bioconductor: Open software development for computational biology and bioinformatics. *Genome Biology*, 5(10):R80.1–16, 2004
14. F. Leisch. FlexMix: A general framework for finite mixture models and latent class regression in R. *Journal of Statistical Software*, 11(8):1–18, 2004
15. D. Meyer, F. Leisch, T. Hothorn, and K. Hornik. StatDataML: An XML format for statistical data. *Computational Statistics*, 19(3):493–503, 2004
16. T. Hothorn, F. Leisch, A. Zeileis, and K. Hornik. The design and analysis of benchmark experiments. *Journal of Computational and Graphical Statistics*, 14(3):675–699, 2005
17. A. Zeileis, F. Leisch, C. Kleiber, and K. Hornik. Monitoring structural change in dynamic econometric models. *Journal of Applied Econometrics*, 20:99–121, 2005

18. F. Leisch. A toolbox for k-centroids cluster analysis. *Computational Statistics and Data Analysis*, 51(2):526–544, 2006
19. B. Grün and F. Leisch. Fitting finite mixtures of generalized linear regressions in R. *Computational Statistics & Data Analysis*, 51(11):5247–5252, July 2007

Applied Articles in Refereed Journals

1. U. Bailer, F. Leisch, K. Meszaros, E. Lenzinger, U. Willinger, R. Strobl, C. Gebhardt, E. Gerhard, K. Fuchs, W. Sieghart, S. Kasper, K. Hornik, and H. N. Aschauer. Genome scan for susceptibility loci for schizophrenia. *Neuropsychobiology*, 42:175–182, 2000
2. C. Gebhardt, F. Leisch, P. Schüssler, K. Fuchs, T. Stompe, W. Sieghart, K. Hornik, S. Kasper, and H. N. Aschauer. Non-association of dopamine D4 and D2 receptor genes with personality in healthy individuals. *Psychiatric Genetics*, 10(3):131–137, 2000
3. A. Heiden, P. Schüssler, U. Itzlinger, F. Leisch, J. Scharfetter, C. Gebhardt, K. Fuchs, M. Willeit, L. Nilsson, E. Miller-Reiter, T. Stompe, K. Meszaros, W. Sieghart, K. Hornik, S. Kasper, and H. N. Aschauer. Association studies of candidate genes in bipolar disorders. *Neuropsychobiology*, 42(suppl 1):18–21, 2000
4. M. Stamenkovic, H. N. Aschauer, F. Riederer, S. D. Schindler, F. Leisch, E. Resinger, A. Neumeister, K. Hornik, and S. Kasper. Study of family history in seasonal affective disorder. *Neuropsychobiology*, 44:65–69, 2001
5. U. Bailer, F. Leisch, K. Meszaros, E. Lenzinger, U. Willinger, R. Strobl, A. Heiden, C. Gebhardt, E. Döge, K. Fuchs, W. Sieghart, S. Kasper, K. Hornik, and H. N. Aschauer. Genome scan for susceptibility loci for schizophrenia and bipolar disorder. *Biological Psychiatry*, 52:40–52, 2002
6. M. Schlögelhofer, H. Eder, U. Itzlinger, G. Wiesegger, U. Bailer, F. Leisch, K. Hornik, G. Jörgl, U. Willinger, and H. N. Aschauer. Bibliotherapie — kognitive Therapie in Buchform als Selbsthilfe bei Patienten mit teilremittierter Depression. *Journal für Neurologie, Neurochirurgie und Psychiatrie*, 1:33–35, 2003
7. U. Bailer, M. de Zwaan, F. Leisch, A. Strnad, C. Lennkh-Wolfsberg, N. El-Giamal, K. Hornik, and S. Kasper. Guided self-help versus cognitive-behavioral group therapy in the treatment of bulimia nervosa. *Journal of Eating Disorders*, 35(4):522–537, 2004
8. A. Schosser, K. Fuchs, F. Leisch, U. Bailer, K. Meszaros, E. Lenzinger, U. Willinger, R. Strobl, A. Heiden, C. Gebhardt, S. Kasper, W. Sieghart, K. Hornik, and H. N. Aschauer. Possible linkage of schizophrenia and bipolar affective disorder to chromosome 3q29: A follow-up. *Journal of Psychiatric Research*, 38:357–364, 2004
9. U. Bailer, G. Wiesegger, F. Leisch, K. Fuchs, I. Leitner, M. Letmaier, A. Konstantinidis, J. Stastny, W. Sieghart, K. Hornik, B. Mitterauer, S. Kasper, and H. N. Aschauer. No association of clock gene T3111C polymorphism and affective disorders. *European Neuropsychopharmacology*, 15:51–55, 2005
10. D. D. Pollak, T. Scharl, F. Leisch, K. Herkner, S. R. Villar, H. Hoeger, and G. Lubec. Strain-dependent regulation of plasticity-related proteins in the mouse hippocampus. *Behavioural Brain Research*, 165(2):240–246, 2005
11. D. D. Pollak, J. John, T. Scharl, F. Leisch, A. Schneider, H. Hoeger, and G. Lubec. Strain-dependent regulation of neurotransmission and actin-remodelling proteins in the mouse hippocampus. *Genes, Brain & Behavior*, 5(2):200–204, 2006
12. O. Veichtlbauer, A. Zeileis, and F. Leisch. The impact of interventions on a pre-industrial austrian alpine population. *Collegium Antropologicum*, 30(1):1–11, 2006

13. S. Dolnicar and F. Leisch. Selective marketing for environmentally sustainable tourism. *Tourism Management*, 2007. Accepted for publication on 2007-07-16
14. S. Dolnicar and F. Leisch. An investigation of tourists' patterns of obligation to protect the environment. *Journal of Travel Research*, 2007. Accepted for publication on 2007-05-31
15. A. Schosser, H. N. Aschauer, D. B. Wildenauer, S. G. Schwab, M. Albus, W. Maier, M. Schloegelhofer, F. Leisch, K. Hornik, S. S. Murray, and C. Gasche. Homozygosity of the interleukin-10 receptor 1 g330r allele is associated with schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 144B(3):347–350, 2007
16. A. Schosser, K. Fuchs, T. Scharl, F. Leisch, U. Bailer, S. Kasper, W. Sieghart, K. Hornik, and H. N. Aschauer. Additional support for linkage of schizophrenia and bipolar disorder to chromosome 3q29. *European Neuropsychopharmacology*, 17(6–7):501–505, 2007
17. J. Kindler, A. Schosser, M. Stamenkovic, M. Schloegelhofer, F. Leisch, K. Hornik, H. Aschauer, and C. Gasche. Tourette's syndrome is not associated with interleukin-10 receptor 1 variants on chromosome 11q23.3. *Psychiatry Research*, 157:235–239, 2008
18. C. Schmied, S. Waiblinger, T. Scharl, F. Leisch, and X. Boivin. Stroking of different body regions by a human: Effects on behaviour and heart rate of dairy cows. *Applied Animal Behaviour Science*, 109(1):25–38, 2008
19. A. Schosser, K. Fuchs, T. Scharl, M. Schloegelhofer, J. Kindler, , N. Mossaheb, R. M. Kaufmann, F. Leisch, S. Kasper, W. Sieghart, and H. N. Aschauer. Interaction between serotonin 5-HT_{2A} receptor gene and dopamine transporter (DAT1) gene polymorphisms influences personality trait of persistence in austrian caucasians. *The World Journal of Biological Psychiatry*, 2008. Accepted for publication on 2008-01-18

Articles in Non-refereed Journals

1. F. Leisch. Sweave, part I: Mixing R and L^AT_EX. *R News*, 2(3):28–31, December 2002
2. F. Leisch. Sweave, part II: Package vignettes. *R News*, 3(2):21–24, October 2003
3. F. Leisch and A. J. Rossini. Reproducible statistical research. *Chance*, 16(2):46–50, 2003
4. B. Grün and F. Leisch. FlexMix: An R package for finite mixture modelling. *R News*, 7(1):8–13, April 2007

Articles in Collections and Proceedings

1. F. Leisch, L. C. Jain, and K. Hornik. NN classifiers: Reducing the computational cost of cross-validation by active pattern selection. In *Artificial Neural Networks and Expert Systems*, volume 2. IEEE Computer Society Press, Los Alamitos, CA, 1995
2. F. Leisch, L. C. Jain, and K. Hornik. Performance measures for NN classifiers. In L. C. Jain, editor, *Edited Proceedings of ETD2000*. IEEE Computer Society Press, Los Alamitos, CA, 1995
3. F. Leisch and K. Hornik. ARC-LH: A new adaptive resampling algorithm for improving ANN classifiers. In M. C. Mozer, M. I. Jordan, and T. Petsche, editors, *Advances in Neural Information Processing Systems*, volume 9, pages 522–528. The MIT Press, 1997
4. F. Leisch and K. Hornik. Error-dependent resampling for artificial neural network classifiers. In B. Kröplin, editor, *Neuronale Netze in den Ingenieurwissenschaften*, pages 1–14. Institut für Statik und Dynamik der Luft- und Raumfahrtkonstruktionen (ISD), Universität Stuttgart (Pfaffenwaldring 27, 70569 Stuttgart, Germany), 1997. ISBN 3-930683-18-0

5. F. Leisch and K. Hornik. Combining neural network voting classifiers and error correcting output codes. In I. Frollo and A. Plackova, editors, *MEASUREMENT '97*, pages 266–269. Institute of Measurement Science, Slovak Academy of Sciences (Dúbravská cesta 9, 842 19 Bratislava, Slovak Republic), 1997. ISBN 80-967402-1-0
6. F. Leisch, A. Trapletti, and K. Hornik. On the stationarity of autoregressive neural network models. In L. Cromme and T. Kolb, editors, *CoWAN 98: Cottbuser Workshop Aspekte Neuronaler Lernens*, Cottbus, Germany, 1998. Shaker Verlag
7. F. Leisch, A. Weingessel, and E. Dimitriadou. Competitive learning for binary valued data. In L. Niklasson, M. Bodén, and T. Ziemke, editors, *Proceedings of the 8th International Conference on Artificial Neural Networks (ICANN 98)*, volume 2, pages 779–784, Skövde, Sweden, Sept. 1998. Springer
8. F. Leisch and K. Hornik. Stabilization of k -means with bagged clustering. In *Proceedings of the 1999 Joint Statistical Meetings, Statistical Computing Section*, pages 174–179, 1999
9. F. Leisch, A. Trapletti, and K. Hornik. Stationarity and stability of autoregressive neural network processes. In M. S. Kearns, S. A. Solla, and D. A. Cohn, editors, *Advances in Neural Information Processing Systems*, volume 11, pages 267–273. MIT Press, USA, 1999
10. S. Dolnicar and F. Leisch. Behavioral market segmentation using the bagged clustering approach based on binary guest survey data: Exploring and visualizing unobserved heterogeneity. In J. A. Mazanec, G. I. Crouch, J. R. B. Ritchie, and A. G. Woodside, editors, *Consumer Psychology of Tourism, Hospitality, and Leisure*, volume 2, pages 243–252. CAB International, UK, 2001. ISBN 0-85199-535-7
11. S. Dolničar and F. Leisch. Behavioral market segmentation of binary guest survey data with bagged clustering. In G. Dorffner, H. Bischof, and K. Hornik, editors, *Artificial Neural Networks – ICANN 2001*, volume 2130 of *LNCS*, pages 111–118. Springer Verlag, 2001
12. K. Hornik and F. Leisch. Neural network models. In D. Peña, G. C. Tiao, and R. S. Tsay, editors, *A Course in Time Series Analysis*, Wiley Series in Probability and Statistics, chapter 13, pages 348–362. John Wiley & Sons, New York, 2001. ISBN 0-471-36164-X
13. K. Hornik and F. Leisch. Vienna and R: Love, marriage and the future. In R. Dutter, editor, *Festschrift 50 Jahre Österreichische Statistische Gesellschaft*, pages 61–70. Österreichische Statistische Gesellschaft, 2002. ISSN 1026-597X
14. V. Joshi, L. C. Jain, U. Seiffert, K. Zyga, R. Price, and F. Leisch. Neural techniques in logo recognition. In A. Abraham and M. Köppen, editors, *Hybrid Information Systems*, Advances in Soft Computing, pages 25–32. Physica Verlag, Heidelberg, 2002. ISBN 3-7908-1480-6
15. F. Leisch. Sweave: Dynamic generation of statistical reports using literate data analysis. In W. Härdle and B. Rönz, editors, *Compstat 2002 — Proceedings in Computational Statistics*, pages 575–580. Physica Verlag, Heidelberg, 2002. ISBN 3-7908-1517-9
16. D. Meyer, F. Leisch, T. Hothorn, and K. Hornik. StatDataML: An XML format for statistical data. In W. Härdle and B. Rönz, editors, *Compstat 2002 — Proceedings in Computational Statistics*, pages 545–550. Physica Verlag, Heidelberg, 2002. ISBN 3-7908-1517-9
17. A. Pradhan, L. C. Jain, A. Filippidis, and F. Leisch. Fusion of fuzzy system and conventional technique to evaluate weather and terrain effects on the vehicle operations. In A. Abraham and M. Köppen, editors, *Hybrid Information Systems*, Advances in Soft Computing, pages 195–206. Physica Verlag, Heidelberg, 2002. ISBN 3-7908-1480-6
18. F. Leisch and S. Dolnicar. Development of a posteriori market segments over time: A tracking procedure. In M. Saren and A. Wilson, editors, *Proceedings of the 32nd European Marketing Academy Conference*, page 3.9.4, 2003

19. F. Leisch. Sweave and beyond: Computations on text documents. In K. Hornik, F. Leisch, and A. Zeileis, editors, *Proceedings of the 3rd International Workshop on Distributed Statistical Computing, Vienna, Austria*, 2003. ISSN 1609-395X
20. S. Dolnicar, B. Grün, and F. Leisch. Time efficient brand image measurement — is binary format sufficient to gain the market insight required? In J. L. Munuera, editor, *Proceedings of the 33rd European Marketing Academy Conference*, 2004
21. S. Dolničar and F. Leisch. Testing for structural change over time of brand attribute perceptions in market segments. In H. Bozdogan, editor, *Statistical Data Mining and Knowledge Discovery*, chapter 17, pages 297–307. Chapman & Hall/CRC, Boca Raton, Florida, 2004
22. B. Grün and F. Leisch. Bootstrapping finite mixture models. In J. Antoch, editor, *Compstat 2004 — Proceedings in Computational Statistics*, pages 1115–1122. Physica Verlag, Heidelberg, 2004. ISBN 3-7908-1554-3
23. F. Leisch. Exploring the structure of mixture model components. In J. Antoch, editor, *Compstat 2004 — Proceedings in Computational Statistics*, pages 1405–1412. Physica Verlag, Heidelberg, 2004. ISBN 3-7908-1554-3
24. K. Hornik and F. Leisch. Ensemble methods for cluster analysis. In A. Taudes, editor, *Adaptive Information Systems and Modelling in Economics and Management Science*, pages 261–268. Springer Verlag, 2005. ISBN 3-211-20684-1
25. K. Hornik and F. Leisch. Open and extensible software for data analysis in management science. In A. Taudes, editor, *Adaptive Information Systems and Modelling in Economics and Management Science*, pages 269–276. Springer Verlag, 2005. ISBN 3-211-20684-1
26. D. Lexer, K. Hagen, F. Leisch, R. Palme, J. Troxler, and S. Waiblinger. Zeitbudgets, Sozialverhalten und Kortisolmetabolitenkonzentrationen bei Fleckvieh- und Braunviehkühen, die in einem Roboter oder im Fischgrätenmelkstand gemolken werden. In *Aktuelle Arbeiten zur artgemäßen Tierhaltung 2004 — 36. Tagung Angewandte Ethologie bei Nutztieren der DVG*, pages 115–123, KTBL-Schrift 437, Darmstadt, Germany, 2005. ISBN 3-7843-2183-6
27. B. Grün and F. Leisch. Fitting finite mixtures of linear regression models with varying & fixed effects in R. In A. Rizzi and M. Vichi, editors, *Compstat 2006—Proceedings in Computational Statistics*, pages 853–860. Physica Verlag, Heidelberg, Germany, 2006
28. F. Leisch and B. Grün. Extending standard cluster algorithms to allow for group constraints. In A. Rizzi and M. Vichi, editors, *Compstat 2006—Proceedings in Computational Statistics*, pages 885–892. Physica Verlag, Heidelberg, Germany, 2006
29. T. Scharl and F. Leisch. The stochastic QT-clust algorithm: Evaluation of stability and variance on time-course microarray data. In A. Rizzi and M. Vichi, editors, *Compstat 2006—Proceedings in Computational Statistics*, pages 1015–1022. Physica Verlag, Heidelberg, Germany, 2006
30. B. Grün and F. Leisch. Testing for genuine multimodality in finite mixture models: Application to linear regression models. In H.-J. Lenz and R. Decker, editors, *Advances in Data Analysis, Proceedings of the 30th Annual Conference of the Gesellschaft für Klassifikation e.V., Freie Universität Berlin, March 8–10, 2006*, Studies in Classification, Data Analysis, and Knowledge Organization, pages 209–216. Springer-Verlag, 2007
31. F. Leisch. R behind the scenes: using S the (un)usual way. In *Proceedings of the 56th Session of the International Statistical Institute, IPM36*, Lisbon, Portugal, 2007
32. F. Leisch. Visualizing cluster analysis and finite mixture models. In C. houh Chen, W. Härdle, and A. Unwin, editors, *Handbook of Data Visualization*, Springer Handbooks of Computational Statistics. Springer Verlag, 2008

Abstracts

1. U. Bailer, F. Leisch, K. Meszaros, E. Lenzinger, U. Willinger, A. Heiden, T. Stompe, R. Strobl, C. Gebhardt, E. Gerhard, K. Fuchs, W. Sieghart, S. Kasper, K. Hornik, and H. N. Aschauer. Genome scan for susceptibility loci of psychotic disorders. *Molecular Psychiatry*, 4(Supplement 1):S30, September 1999. Abstract
2. E. Dimitriadou, S. Dolnicar, F. Leisch, and A. Weingessel. More insight into clustering—comparison of cluster algorithms and evaluation of indexes for determining the correct number of clusters. *Methods of Psychological Research, Special Issue: Abstracts of the European Meeting of the Psychometric Society*, 4(1):65–66, 1999
3. C. Gebhardt, T. Stompe, F. Leisch, K. Fuchs, N. Fathi, K. Hornik, W. Sieghart, S. Kasper, and H. N. Aschauer. 5HT2A (HIS 452 TRY) receptor gene polymorphism and personality traits. *Molecular Psychiatry*, 4(Supplement 1):S90, September 1999. Abstract
4. A. Heiden, F. Leisch, J. Scharfetter, K. Fuchs, W. Sieghart, S. Kasper, and H. N. Aschauer. Association between DRD3 gene and novelty seeking in bipolar patients. *European Neuropsychopharmacology*, 9(S5):S350, 1999. Abstract
5. J. Scharfetter, M. Albus, K. Hornik, K. Fuchs, G. Melamed, F. Leisch, W. Sieghart, S. Kasper, and H. N. Aschauer. Association of tardive dyskinesia and dopamine D3 and D4 receptor gene polymorphism. *Molecular Psychiatry*, 4(Supplement 1):S85, September 1999. Abstract
6. U. Bailer, F. Leisch, S. Kasper, K. Hornik, and H. N. Aschauer. Genome scan for susceptibility loci for psychotic disorders. *The World Journal of Biological Psychiatry*, 2(Supplement 1):212S, 2001. Abstract
7. U. Bailer, F. Leisch, K. Meszaros, E. Lenzinger, U. Willinger, R. Strobl, A. Heiden, C. Gebhardt, E. Gerhard, K. Fuchs, W. Sieghart, S. Kasper, K. Hornik, and H. N. Aschauer. Genome scan for susceptibility loci for psychotic disorders. *Biological Psychiatry*, 51:43s, 2002. Abstract
8. M. Stamenkovic, J. Stastny, P. Schüssler, K. Fuchs, C. Gebhardt, F. Riederer, S. D. Schindler, F. Leisch, K. Hornik, W. Sieghart, S. Kasper, and H. N. Aschauer. Dopamine transporter gene polymorphism in Tourette’s disorder. *European Neuropsychopharmacology*, 12(Supplement 3):437–438, 2002. Abstract
9. G. Wiesegger, M. Schlögelhofer, H. Eder, U. Baiker, U. Itzlinger, G. Jörgl, U. Willinger, F. Leisch, K. Hornik, and H. N. Aschauer. Cognitive behavioral bibliotherapy in patients with partially remitted depression. *The International Journal of Neuropsychopharmacology*, 5(S1):S104, 2002. Abstract
10. G. Wiesegger, M. Schlögelhofer, H. Eder, F. Leisch, U. Bailer, K. Hornik, G. Jörgl, U. Willinger, and H. N. Aschauer. Bibliotherapie—cognitive-behavioral self help strategies in patients with major depression. *European Psychiatry*, 17(S1):174s–175s, 2002. Abstract
11. M. Schlögelhofer, G. Wiesegger, U. Bailer, H. Eder, U. Itzlinger, G. Jörgl, F. Leisch, M. Priesch, A. Schosser, K. Hornik, , U. Willinger, and H. N. Aschauer. Bibliotherapy — cognitive-behavioral self-help in patients with partially remitted depression. *International Journal of Psychiatry in Clinical Practice*, 7(4):314–315, 2003. Abstract
12. A. Schosser, K. Fuchs, F. Leisch, U. Bailer, S. Kasper, W. Sieghart, K. Hornik, and H. N. Aschauer. Schizophrenia and bipolar disorder: Possible linkage to chromosome 3q29. *American Journal of Medical Genetics — Neuropsychiatric Genetics*, 122B(1):135–136, September 2003. Abstract

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