

Bibliography

- [1] Agresti, Alan and Hartzel, Jonathan: Strategies for comparing treatments on binary response with multi-centre data. Tutorial in Biostatistics, *Statistics in Medicine* 19 (2000) 1115-1139
- [2] Aitkin, Murray: Profile Likelihood, in Armitage, Peter and Colton, Theodore (eds): *Encyclopedia of Biostatistics*, New York 1998, S. 3534-3536
- [3] Aitkin, Murray: Meta-analysis by random effect modelling in generalized linear models, *Statistics in Medicine* 18 (1999) 2343-2351
- [4] Berkey, Catherine S, Hoaglin, David C, et al.: A random-effects regression model for meta-analysis, *Statistics in Medicine* 14 (1995) 395-411
- [5] Berlin, Jesse A and Antman, Elliott M: Advantages and limitations of metaanalysis regressions of clinical trials data, *Online Journal of Current Clinical Trials* 3 (1994) document 134
- [6] Berry, Scott M: Understanding and testing for heterogeneity across 2×2 tables: application to meta-analysis, *Statistics in Medicine* 17 (1998) 2353-2369
- [7] Böhning, Dankmar: *Computer-Assisted Analysis of Mixtures and Applications: Meta-analyses, Disease mapping and Others*, Boca Raton 2000
- [8] Böhning, Dankmar and Sarol, Jesus Jr: Estimating risk difference in multicenter studies under baseline-risk heterogeneity, *Biometrics* 56 (2000) 304-308
- [9] Böhning, Dankmar: *Lecture Notes on Likelihood Methods for Multicenter Studies with Binary Outcome*, Wiley & Sons, London 2004 (in preparation).
- [10] Brand, Randall and Kragt, Harry: Importance of trends in the interpretation of an overall odds ratio in the meta-analysis of clinical trials, *Statistics in Medicine* 11 (1992) 2077-2082

- [11] Colditz, Graham A, Brewer, Timothy F, et al.: Efficacy of BCG vaccine in the prevention of tuberculosis. Meta-analysis of the published literature, *JAMA* 271 (1994) 698-702
- [12] Dietz, Ekkehart and Weist, Klaus: Meta-analysis in hospital and clinical epidemiology based on mixed generalized linear models, in Schulze, Ralf, Holling, Heinz and Böhning, Dankmar (eds): *Meta-Analysis: New Developments and Applications in Medical and Social Sciences*, Göttingen 2003, S. 179-195
- [13] Dobson, Annette J: *An Introduction to Generalized Linear Models* (second edition), Boca Raton 2002
- [14] Greenland, Sander: A critical look at some popular meta-analysis methods, *American Journal of Epidemiology* 140 (1994) 290-296
- [15] Hardin, James and Hilbe, Joseph: *Generalized Linear Models and Extensions*, Texas 2001
- [16] Hardy, Rebecca J and Thompson, Simon G: Detecting and describing heterogeneity in meta-analysis, *Statistics in Medicine* 17 (1998) 841-856
- [17] Hedges, Larry V: Fixed effects model, in Cooper, Harris and Hedges, Larry V (eds): *The handbook of research synthesis*, New York 1994, S. 286-299
- [18] Horwitz, Ralph I, Singer, Burton H, et al.: Can treatment that is helpful on average be harmful to some patients? A study of the conflicting information needs of clinical inquiry and drug regulation, *Journal of Clinical Epidemiology* 49 (1996) 395-400
- [19] Kuhnert, Ronny: *Untersuchung von verschiedenen Modellierungen der Heterogenität in multizentrischen Studien*. Free University Berlin <http://www.diss.fu-berlin.de/2005/202> [31 August 2005]
- [20] Law, Malcolm R, Wald, Nicholas J, et al.: By how much and how quickly does reduction in serum cholesterol concentration lower risk of ischaemic heart disease?, *British Medical Journal* 308 (1994) 367-373
- [21] Lin, Zhengning: An issue of statistical analysis in controlled multi-centre studies: how shall we weight the centres?, *Statistics in Medicine* 18 (1999) 365-373

- [22] Manda, Samuel OM : A Bayesian ordinal model for heterogeneity in a multi-centre myocardial infarction clinical trial, *Statistics in Medicine* 21 (2002) 3011-3022
- [23] McCulloch, Charles E and Searle, Shayle R: *Generalized, Linear, and Mixed Models*, New York 2001
- [24] Murphy, Susan A and Van der Vaart, Aad W: On profile likelihood, *Journal of the American Statistical Association* 95 (2000) 449-485
- [25] McCullagh, Peter and Nelder, John A: *Generalized Linear Models* (second edition), London, 1989
- [26] Neyman, Jerzy and Scott, Elizabeth L: Consistent estimates based on partially consistent observations, *Econometrica* 16 (1948) 1-32
- [27] DuMouchel, William and Normand, Sharon-Lise: Computer-modeling and graphical strategies for meta-analysis, in Stangl, Dalene K and Berry, Donald A: *Meta-Analysis in Medicine and Health Policy*, Basel 2000, S. 127-178
- [28] Platt, Robert W, Leroux, Brian G, et al.: Generalized linear mixed models for meta-analysis, *Statistics in Medicine* 18 (1999) 643-654
- [29] Raudenbush, Stephen W: Random effects models, in Cooper, Harris and Hedges, Larry V (eds): *The handbook of research synthesis*, New York 1994, S. 302-321
- [30] Senn, Stephen: Some controversies in planning and analysing multi-center trials, *Statistics in Medicine* 17 (1998) 1753-1765
- [31] Stewart, Lesley A: Practical methodology of meta-analyses (overviews) using updated individual patient data, *Statistics in Medicine* 14 (1995) 2057-2079
- [32] Stram, Daniel O: Meta-analysis of published data using a linear mixed-effects model, *Biometrics* 52 (1996) 536-544
- [33] Sutton, Alex J, Abrams, Keith R, et al.: *Methods for meta-analysis in medical research*, New York 2000
- [34] Thompson, Simon G: Controversies in meta-analysis: The case of the trials of serum cholesterol reduction, *Statistical Methods in Medical Research* 20 (1993) 173-192

- [35] Thompson, Simon G: Systematic review: why sources of heterogeneity in meta-analysis should be investigated, *British Medical Journal* 309 (1994) 1351-1355
- [36] Thompson, Simon G and Sharp, Stephen J: Explaining heterogeneity in meta-analysis: A comparison of methods, *Statistics in Medicine* 18 (1999) 2693-2708
- [37] Turner, Rebecca M, Omar, Rumana Z, et al.: A multilevel model framework for meta-analysis of clinical trials with binary outcome, *Statistics in Medicine* 19 (2000) 3417-3432
- [38] van Houwelingen, Hans C, Arends, Lidia R, et al.: Advanced methods in meta-analysis: multivariate approach and meta-regression, *Statistics in Medicine* 21 (2002) 589-624
- [39] Veenstra, David L, Saint, Sanjay, et al.: Efficacy of antiseptic-impregnated central venous catheters in preventing catheter-related bloodstream infection: A meta-analysis, *Journal of the American Medical Association* 281 (1999) 261-267
- [40] Whitehead, Anne and Whitehead, John: A general parametric approach to the meta-analysis of randomised clinical trials, *Statistics in Medicine* 10 (1991) 1665-1677
- [41] Woodward, M: *Epidemiology: Study design and Data analysis*, Chapman & Hall/CRC, London, New York, Washington, D.C. 1999
- [42] Yamaguchi, Takuhiro and Ohashi, Yasuo: Investigating centre effects in a multi-centre clinical trial of superficial bladder cancer, *Statistics in Medicine* 18 (1999) 1961-1971
- [43] Pawitan, Yudi: *In All Likelihood: Statistical Modelling and Inference Using Likelihood*, Oxford University Press Inc., New York 2001
- [44] Yusuf, Salim, Peto, Richard, et al.: Beta blockade during and after myocardial infarction: an overview of the randomized trials, *Progress in Cardiovascular Disease* 27 (1985) 335-371