
References

- [1] Lars A. Akslen and Flora Hartveit. Seasonal Variation in Melanoma Deaths and the Pattern of Disease Process. A Preliminary Analysis. *Chronobiologia*, 15:257–263, 1988.
- [2] M.R. Alderson. Season and mortality. *Health Trends*, 17:87–96, 1985.
- [3] Munther I. Aldoori and Sakhawat H. Rahman. Smoking and stroke: a causative role (Editorial). *British Medical Journal*, 317:961–962, 1998.
- [4] Paul D. Allison. Measures of Inequality. *American Sociological Review*, 43:865–880, 1978.
- [5] Paul D. Allison. Discrete-time methods for the analysis of event histories. *Sociological Methodology*, 13:61–98, 1982.
- [6] Paul D. Allison. *Survival Analysis Using the SAS System*. SAS Institute Inc, Cary, NC, 1995.
- [7] Otto Andersen. Register data for research. Presentation given at the course “The data of Denmark”, Odense, DK, 30 April 2001, 2001.
- [8] H. Ross Anderson, Antonio Ponce de Leon, J. Martin Bland, Jonathan S. Bower, and David P. Strachan. Air pollution and daily mortality in London: 1987–92. *British Medical Journal*, 312:665–669, 1996.
- [9] Gunnar Andersson and Henriette Engelhardt. Zensus. In Günter Endrweit and Gisela Trommsdorff, editors, *Wörterbuch der Soziologie*. Lucius & Lucius, Stuttgart, D, 2002.
- [10] Kirill F. Andreev. *Evolution of the Danish Population from 1835 to 2000*. Odense Monographs on Population Aging 9. University Press of Southern Denmark, Odense, DK, 2002.
- [11] John Angus. Old and New Bills of Mortality; Movement of the Population; Deaths and Fatal Diseases in London During the Last Fourteen Years. *Journal of the Statistical Society of London*, 17:117–142, 1854.
- [12] Andrew B. Appleby. The Disappearance of Plague: A Continuing Puzzle. *The Economic History Review*, 33:161–173, 1980.
- [13] Maurice Aubenque, Paul Damiani, and Hélène Massé. Variations saisonnières et séries chronologiques des causes de décès en France de 1900

- à 1972. *Cahiers de Sociologie et de Démographie Médicales*, 19:17–22, 1979.
- [14] Robert D. Auerbach and Jack L. Rutner. The Misspecification of a Non-seasonal Cycle as a Seasonal by the X-11 Seasonal Adjustment Program. *The Review of Economics and Statistics*, 60:601–603, 1978.
- [15] Kirsten Avlund, Mogens Trab Damsgaard, and Bjørn E. Holstein. Social Relations and Mortality. An Eleven Year Follow-Up Study of 70-Year-Old Men and Women in Denmark. *Social Science and Medicine*, 47:635–643, 1998.
- [16] Paul Aylin, Sara Morris, Jon Wakefield, Ana Grossinho, Lars Jarup, and Paul Elliott. Temperature, housing, deprivation and their relationship to excess winter mortality in Great Britain, 1986–1996. *International Journal of Epidemiology*, 30:1100–1108, 2001.
- [17] A. Bailo, L. Palacios-Araus, A. Diaz, D. I. Toja, and J. Bertranpetit. Natality and mortality seasonality in the Spanish Central Pyrenees. *Antropologia portuguesa (1986–1987)*, 4–5:125–133, 1986.
- [18] F. Ballester, P. Michelozzi, and C. Iñiguez. Weather, climate, and public health (Editorial). *Journal of Epidemiology and Community Health*, 57:759–760, 2003.
- [19] Ferran Ballester, Dolores Corella, Santiago Pérez-Hoyos, Marc Sáez, and Ana Hervás. Mortality as a Function of Temperature. A Study in Valencia, Spain, 1991–1993. *International Journal of Epidemiology*, 26:551–561, 1997.
- [20] G.A. Barnard. Introduction to Pearson (1900) On the Criterion that a Given System of Deviations from the Probable in the Case of a Correlated System of Variables is Such that it Can be Reasonably Supposed to have Arisen from Random Sampling. London, Edinburgh and Dublin Philosophical Magazine and Journal of Science, vol. 50, 5th series, pp. 157–175. In Samuel Kotz and Norman L. Johnson, editors, *Breakthroughs in Statistics. Volume II. Methodology and Distribution*, pages 1–10. Springer, Heidelberg, Germany, 1992.
- [21] Richard E. Barrett. Seasonality in vital processes in a traditional Chinese population. *Modern China*, 16:190–225, 1990.
- [22] David N. Barron. The Analysis of Count Data: Overdispersion and Autocorrelation. *Sociological Methodology*, 22:179–220, 1992.
- [23] A. Baumann, B. Filipiak, J. Stieber, and H. Löwel. Familienstand und soziale Integration als Prädiktoren der Mortalität: eine 5-Jahres-Follow-up-Studie an 55- bis 74-jährigen Männern und Frauen in der Region Augsburg. *Zeitschrift für Gerontologie und Geriatrie*, 31:184–192, 1998.
- [24] Nina Baym. Thoreau's View of Science. *Journal of the History of Ideas*, 26:221–234, 1965.
- [25] BBC. Cold kills 'thousands' in a week. Available online at: <http://news.bbc.co.uk/>, 2003.
- [26] Alain Bideau, Jacques Dupâquier, and Jean-Noël Biraben. La mortalité de 1800 à 1914. In Jacques Dupâquier, editor, *Histoire de la population*

- française 3. De 1789 à 1914*. Presses Universitaires de France, Paris, F, 1988.
- [27] Alain Bideau, Jacques Dupâquier, and Hector Gutierrez. La mort quantifiée. In Jacques Dupâquier, editor, *Histoire de la population française 2. De la renaissance à 1789*. Presses Universitaires de France, Paris, F, 1988.
- [28] Francesco C. Billari. Introduction to Event History Analysis. Course given at the Max Planck Research School for Demography, Rostock, Germany, 2001.
- [29] C. Borrell, A. Plasencia, I. Pasarin, and V. Ortun. Widening social inequalities in mortality: the case of Barcelona, a southern European city. *Journal of Epidemiology and Community Health*, 51:659–667, 1997.
- [30] Fabrice Boulay, Frédéric Berthier, Colette Dahan, and Albert Tran. Seasonal Variations in Vericeal Bleeding Mortality and Hospitalization in France. *The American Journal of Gastroenterology*, 96:1881–1887, 2001.
- [31] Menno Jan Bouma and Mercedes Pascual. Seasonal and internannual cycles of endemic cholera in Bengal 1891–1940 in relation to climate and geography. *Hydrobiologica*, 460:147–156, 2001.
- [32] George E.P. Box, Gwilym M. Jenkins, and Gregory C. Reinsel. *Time Series Analysis. Forecasting and Control*. Prentice Hall, Englewood Cliffs, NJ, 3rd edition, 1994.
- [33] S.A. Bremner, H.R. Anderson, R.W. Atkinson, A.J. McMichael, Strachan D.P., J.M. Bland, and J.S. Bower. Short term associations between outdoor air pollution and mortality in London 1992–4. *Occupational and Environmental Medicine*, 56:237–244, 1999.
- [34] Peter J. Brockwell and Richard A. Davis. *Introduction to Time Series and Forecasting*. Springer, New York, NY, 1996.
- [35] Andrew G. Bruce and Simon R. Jurke. Non-Gaussian Seasonal Adjustment: X-12 ARIMA Versus Robust Structural Models. SRD Report Series 92/14, Bureau of the Census, Statistical Research Division, Washington, D.C., 1992.
- [36] G.M. Bull. Meteorological correlates with myocardial and cerebral infarction and respiratory disease. *British Journal of Preventive Social Medicine*, 27:108–113, 1973.
- [37] G.M. Bull and Joan Morton. Environment, Temperature and Death Rates. *Age and Ageing*, 7:210–224, 1978.
- [38] Statistisches Bundesamt. Benutzerhandbuch zu BV4.1, RC 1 (deutschsprachige Programmversion). Technical report, Statistisches Bundesamt, Gruppe Mathematisch-Statistische Methoden, Wiesbaden D, 2003.
- [39] J.P. Burman. Seasonal Adjustment by Signal Extraction. *Journal of the Royal Statistical Society. Series A (General)*, 143:321–337, 1980.
- [40] B. Cadet, J.M. Robine, and D. Leibovici. Dynamique de la mortalité asthmatique en france: fluctuations saisonnières et crise de mortalité en 1985–87. *Rev. Epidém. et Santé Pub*, 42:103–118, 1994.

- [41] A. Colin Cameron and Pravin K. Trivedi. *Regression Analysis of Count Data*. Cambridge University Press, Cambridge, UK, 1998.
- [42] MJ Campbell and Tobías Aurelio. Causality and temporality in the study of short-term effects of air pollution on health. *International Journal of Epidemiology*, 29:271–273, 2000.
- [43] Ann G. Carmichael. Infection, Hidden Hunger, and History. *Journal of Interdisciplinary History*, 14:249–264, 1983.
- [44] D.R. Cave and L.S. Freedman. Seasonal variations in the clinical presentation of crohn’s disease and ulcerative colitis. *International Journal of Epidemiology*, 4:317–320, 1975.
- [45] Hubert Charbonneau, Bertrand Desjardins, Jacques Légaré, and Hubert Denis. The Population of St. Lawrence valley, 1608–1760. In Michael R. Haines and Richard H. Steckel, editors, *A Population History of North America*, pages 99–142. Cambridge University Press, Cambridge, UK, 2000.
- [46] Laurent Chenet, Merete Osler, Martin McKee, and Allan Krasnik. Changing life expectancy in the 1980s: why was Denmark different from Sweden? *Journal of Epidemiology and Community Health*, 50:404–407, 1996.
- [47] David Clapham. Housing Frailer Elders in Great Britain. In Jon Pynoos and Phoebe S. Liebig, editors, *Housing Frail Elders. International Policies, Perspectives, and Prospects*, chapter 4, pages 68–88. The Johns Hopkins University Press, Baltimore, MD, 1995.
- [48] Robert B. Cleveland, William S. Cleveland, Jean E. McRae, and Irma Terpenning. STL: A Seasonal-Trend Decomposition Procedure Based on Loess. *Journal of Official Statistics*, 6:3–73, 1990.
- [49] William S. Cleveland. *The Elements of Graphing Data*. AT&T Bell Laboratories, Murray Hill, New Jersey, 1994.
- [50] William S. Cleveland, Susan J. Devlin, and Irma J. Terpenning. The details of the SABL transformation, decomposition and calendar methods. Technical report, Computing Information Library, Bell Labs, Murray Hill, NJ, 1981.
- [51] William S. Cleveland, Susan J. Devlin, and Irma J. Terpenning. The SABL statistical and graphical methods. Technical report, Computing Information Library, Bell Labs, Murray Hill, NJ, 1981.
- [52] William S. Cleveland and Irma J. Terpenning. Graphical Methods for Seasonal Adjustment. *Journal of the American Statistical Association*, 77:52–62, 1982.
- [53] W.P. Cleveland and G.C. Tiao. Decomposition of a Seasonal Time Series: A Model for the Census X-11 Program. *Journal of the American Statistical Association*, 71:581–587, 1976.
- [54] J. Peter Clinch and John D. Healy. Housing standards and excess winter mortality. *Journal of Epidemiology and Community Health*, 54:719–720, 2000.

- [55] CNN. Heat deaths: Chirac pledges action. Available online at: <http://www.cnn.com>, 2003.
- [56] D. Collett. *Modelling Survival Data in Medical Research*. Texts in Statistical Science. Chapman & Hall, London, UK, 1994.
- [57] K.J. Collins. Low indoor temperatures and morbidity in the elderly. *Age and Ageing*, 15:212–220, 1986.
- [58] Elvira Cordioli, Carmine Pizzi, and Marcello Martinelli. Winter mortality in Emilia-Romagna, Italy. *International Journal of Circumpolar Health*, 59(3–4):164–169, 2000.
- [59] Carl Counsell and Hazel Fraser. Identifying relevant studies for systematic reviews (Letters). *British Medical Journal*, 310:126, 1995.
- [60] Brian D. Cox, Margaret J. Whichelow, and A. Toby Prevost. Seasonal consumption of salad vegetables and fresh fruit in relation to the development of cardiovascular disease and cancer. *Public Health Nutrition*, 3:19–29, 2000.
- [61] D.R. Cox and D. Oakes. *Analysis of Survival Data*. Chapman & Hall, London, UK, 1984.
- [62] D.L. Crombie, D.M. Fleming, K.W. Cross, and R.J. Lancashire. Concurrence of monthly variation of mortality related to underlying cause in Europe. *Journal of Epidemiology and Community Health*, 49:373–378, 1995.
- [63] Michael Curwen and Tim Devis. Winter mortality, temperature and influenza: has the relationship changed in recent years? *Population Trends*, 54:17–20, 1988.
- [64] H.A. David and D.J. Newell. The identification of annual peak periods for a disease. *Biometrics*, 21:645–650, 1965.
- [65] Lloyd Demetrius. Demographic Parameters and Natural Selection. *Proceedings of the National Academy of Sciences of the United States of America*, 71:4645–4647, 1974.
- [66] Antoine Deparcieux. *Essai sur les probabilités de la durée de la vie humaine*. INED (reprint 2003), Paris, F, 1746.
- [67] Paul Dierckx. *Curve and Surface Fitting with Splines*. Monographs on Numerical Analysis. Clarendon Press, Oxford, UK, 1995.
- [68] Carolyn Diguiseppi. Why everyone over 65 deserves influenza vaccine (Editorial). *British Medical Journal*, 313:1162, 1996.
- [69] Gabriele Doblhammer. *Socioeconomic Differentials in Austrian Adult Mortality*. PhD thesis, Sozial- und Wirtschaftswissenschaftliche Fakultät, Universität Wien, Wien, A, 1997.
- [70] Gabriele Doblhammer. *The Late Life Legacy of Very Early Life*. Demographic Research Monographs. Springer, Heidelberg, Germany, 2004.
- [71] Gabriele Doblhammer, Roland Rau, and Josef Kytir. Trends in educational and occupational differentials in all-cause mortality in Austria between 1981/82 and 1991/92. *Wiener Klinische Wochenschrift*, 117(13–15):468–479, 2005.

- [72] Gabriele Doblhammer and James W. Vaupel. Lifespan depends on month of birth. *Proceedings of the National Academy of Sciences*, 98:2934–2939, 2001.
- [73] Mary J. Dobson. *Contours of death and disease in early modern England*. Cambridge University Press, Cambridge, UK, 1997.
- [74] M. Dolley. Denmark tries to raise life expectancy. *British Medical Journal*, 308:737–738, 1994.
- [75] Gavin Donaldson. Trends in excess winter mortality, by age and sex. Presentation given at the workshop “Seasonality in Mortality”, Duke University, NC, 07–08 March 2002, 2002.
- [76] G.C. Donaldson, S.P. Ermakov, Y.M. Komarov, and W.R. Keatinge. Cold related mortalities and protection against cold in Yakutsk, eastern Siberia: observation and interview study. *British Medical Journal*, 317:978–982, 1998.
- [77] G.C. Donaldson and W.R. Keatinge. Mortality related to cold weather in elderly people in southeast England, 1979-94. *British Medical Journal*, 315:1055–1056, 1997.
- [78] G.C. Donaldson and W.R. Keatinge. Excess winter mortality: influenza or cold stress? Observational study. *British Medical Journal*, 324:89–90, 2002.
- [79] G.C. Donaldson and W.R. Keatinge. Cold related mortality in England and Wales; influence of social class in working and retired are groups. *Journal of Epidemiology and Community Health*, 57:790–791, 2003.
- [80] G.C. Donaldson, H. Rintamäki, and S Näyhä. Outdoor clothing: its relationship to geography, climate, behaviour and cold-related mortality in Europe. *International Journal of Biometeorology*, 45:45–51, 2001.
- [81] G.C. Donaldson, V.E. Tchernjavskii, S.P. Ermakov, K. Bucher, and W.R. Keatinge. Winter mortality and cold stress in Yekaterinburg, Russia: interview study. *British Medical Journal*, 316:514–518, 1998.
- [82] A.S. Douglas, T.M. Allan, and J.M. Rawles. Composition of Seasonality of Disease. *Scottish Medical Journal*, 36:76–82, 1991.
- [83] C.J. Duncan, S.R. Duncan, and Susan Scott. Whooping Cough Epidemics in London, 1701–1812: Infection Dynamics, Seasonal Forcing and the Effects of Malnutrition. *Proceedings of the Royal Society of London: Biological Sciences*, 263:445–450, 1996.
- [84] J. H. Edwards. The recognition and estimation of cyclic trends. *Annals of Human Genetics*, 25:83–86, 1961.
- [85] Bradley Efron. Logistic Regression, Survival Analysis, and the Kaplan-Meier Curve. *Journal of the American Statistical Association*, 83:414–425, 1988.
- [86] Paul Eilers and Brian D. Marx. Smoothing for Smarties. Course Material for ENAR Biometrics Meeting, Tampa, Florida, March 30, 2003, 2003.
- [87] Paul H. C. Eilers and Brian D. Marx. Flexible Smoothing with B -splines and Penalties. *Statistical Science*, 11:89–102, 1996.

- [88] Paul H. C. Eilers and Brian D. Marx. Flexible Smoothing with B -splines and Penalties: Rejoinder. *Statistical Science*, 11:115–121, 1996.
- [89] Paul H. C. Eilers and Brian D. Marx. Generalized linear additive smooth structures. *Journal of Computational and Graphical Statistics*, 11:758–783, 2002.
- [90] J. Harold Elwood and J. Mark Elwood. Seasonal Variation in the Prevalence at Birth of Anencephalus. In T. Miura, editor, *Seasonal effects on reproduction, infection and psychoses (Progress in Biometeorology, Vol. 5)*, pages 111–122. The Hague: SPB Academic Publishing, 1987.
- [91] H. Eng and James B. Mercer. Mortality from cardiovascular disease in Ireland and Norway and its relationship to air temperature and wind chill. *Journal of Cardiovascular Risk*, 7:369–375, 2000.
- [92] Environmental Protection Agency. *NO_x. How nitrogen oxides affect the way we live and breath*, volume EPA-456/F-98-005. United States Environmental Protection Agency. Office of Air Quality Planning and Standards, Research Triangle Park, NC, 1998.
- [93] Environmental Protection Agency. Health and Environmental Impacts of PM. Available online at <http://www.epa.gov/air/urbanair/so2/hlth1.html>, 2004.
- [94] Environmental Protection Agency. Health and Environmental Impacts of SO₂. Available online at <http://www.epa.gov/air/urbanair/so2/hlth1.html>, 2004.
- [95] Marco Ercolani. Introduction to Time Series Analysis. Notes for Course at the Essex Summer School, University of Essex, Essex, UK, 2002.
- [96] Eurostat. Statistics on Persons in Denmark. a register-based statistical system. Technical report, Office for Official Publications of the European Communities, Luxembourg, LUX, 2001.
- [97] Eurowinter Group. Winter mortality in relation to climate. *International Journal of Circumpolar Health*, 59:154–159, 2000.
- [98] Eurowinter Group. Cold exposure and winter mortality from ischaemic heart disease, cerebrovascular disease, respiratory disease, and all causes in warm and cold regions of Europe. *Lancet*, 349:1341–1346, 1997.
- [99] Günter Ewert, Hildegard Marcusson, Wilhelm Oehmisch, Gerd E. Wiesner, Ingeborg Engelmann, and Christa Ladewig. *Sterblichkeit und Lebenserwartung. Analyse zum Gesundheitszustand der Bevölkerung im europäischen Vergleich der Deutschen Demokratischen Republik*. VEB Verlag Volk und Gesundheit, Berlin, D, 1981.
- [100] Alexander Fabig. Personal Communications, 2002.
- [101] Philippe Fargues and Ouaidou Nassour. Seasonal Variation in Urban Mortality: The Case of Bamako, 1974 to 1985. In Etienne Van de Walle, Gilles Pison, and Mpembele Sala-Diakanda, editors, *Mortality and society in Sub-Saharan Africa*, pages 99–122. Clarendon Press, Oxford, UK, 1992.
- [102] Craig A. Feinstein. Seasonality of deaths in the U.S. by age and cause. *Demographic Research*, 6:469–486, 2002.

- [103] J. Feldman, Jacob, Diane M. Makuc, Kleinman Joel C., and Joan Cornoni-Huntley. National trends in educational differentials in mortality. *American Journal of Epidemiology*, 129:919–933, 1989.
- [104] Yuanhua Feng. Eine robuste, datengesteuerte Version des Berliner Verfahrens. *Wirtschaft und Statistik*, (10):786–795, 2000.
- [105] Yuanhua Feng and Siegfried Heiler. A robust data-driven version of the Berlin Method. CoFE Diskussionspapiere 2000 No. 15, Center of Finance and Econometrics, University of Konstanz, Konstanz, D, 2002.
- [106] G. Fichter and P. Volk. The Eastern Orientation of Merovingian Graves and the Seasonal Distribution of Morbidity and Mortality (using the Sasbach-Behans and Bischoffingen-Bigärten Cemeteries as Examples). *Journal of Human Evolution*, 9:49–59, 1980.
- [107] R.A.P. Finlay. The Accuracy of the London Parish Registers, 1580–1653. *Population Studies*, 32:95–112, 1978.
- [108] Björn Fischer. Decompositions of Time Series. Comparing Different Methods in Theory and Practice. Available online at: <http://europa.eu.int/en/comm/eurostat/research/noris4/documents/decomp.%pdf>, Eurostat - VIROS (Virtual Institute for Research in Official Statistics), Luxembourg, 1995.
- [109] Michael W. Flinn. *The European Demographic System, 1500–1820*. The Johns Hopkins University Press, Baltimore, MD, 1981.
- [110] A.J. Flisher, C.D.H. Parry, D. Bradshaw, and J.M. Juritz. Seasonal variation of suicide in South Africa. *Biological Psychiatry*, 39:522–523, 1996.
- [111] Robert Fogel. *Public Use Tape on the Aging of Veterans of the Union Army: Military, Pension, and Medical Records, 1860-1940*. Center for Population Economics, University of Chicago Graduate School of Business, and Department of Economics, Brigham Young University, Chicago, IL, 2000.
- [112] Lone Frank. When an entire country is a cohort. *Science*, 287:2398–2399, 2000.
- [113] L.S. Freedman. The use of a Kolmogorov-Smirnov type statistic in testing hypotheses about seasonal variation. *Journal of Epidemiology and Community Health*, 33:223–228, 1979.
- [114] Wade Hampton Frost. The Age Selection of Mortality from Tuberculosis in Successive Decades (first published: 1939). *American Journal of Epidemiology*, 141:4–9, 1995.
- [115] Timothy B. Gage. The Decline of Mortality in England and Wales 1861 to 1964: Decomposition by Cause of Death and Component of Mortality. *Population Studies*, 47:47–66., 1993.
- [116] Patrick R. Galloway. Basic Patterns in Annual Variations in Fertility, Nuptiality, Mortality, and Prices in Pre-industrial Europe. *Population Studies*, 42:275–302, 1988.
- [117] Jutta Gampe and Roland Rau. Trends in saisonalen Mortalitätschwankungen — eine Analyse mittels P -splines. Presentation given

- at the “Deutsche Statistische Woche”, Potsdam, Germany, 22 August 2003, 2003.
- [118] Jutta Gampe and Roland Rau. Seasonal Variation in Death Counts: *P*-Spline Smoothing in the Presence of Overdispersion. Poster presented at the 19th International Workshop on Statistical Modelling. Florence, Italy, 04 July 2004, 2004.
- [119] Karla Gärtner. Zeitreihenanalyse der natürlichen Bevölkerungsbewegung 1957–1986. Darstellung der Entwicklung und methodische Anmerkungen. *Zeitschrift für Bevölkerungswissenschaft*, 14:161–186, 1988.
- [120] Islay Gemmell, Philip McLoone, Andrew Boddy, Graham Watt, and Gordon Dickinson. Seasonal variation in mortality and morbidity in Scotland 1981–93. Technical report, University of Glasgow, Public Health Research Unit, 1999.
- [121] Islay Gemmell, Philip McLoone, F.A. Boddy, Gordon J. Dickinson, and G.C.M. Watt. Seasonal variation in mortality in Scotland. *International Journal of Epidemiology*, 29:274–279, 2000.
- [122] Eric Ghysels and Denise R. Osborn. *The Econometric Analysis of Seasonal Time Series*. Cambridge University Press, Cambridge, UK, 2001.
- [123] M.D. Gliksman, R. Lazarus, Wilson A., and S.R. Leeder. Social support, marital status and living arrangement correlates of cardiovascular risk factors in the elderly. *Social Science and Medicine*, 40:811–814, 1995.
- [124] N. Goldman. Mortality Differentials: Selection and Causation. In Neil J. Smelser and Paul B. Baltes, editors, *International Encyclopedia of the Social & Behavioral Sciences*, pages 10068–10070. Elsevier, Amsterdam, NL, 2001.
- [125] Noreen Goldman. Marriage Selection and Mortality Patterns: Inferences and Fallacies. *Demography*, 30:189–208, 1993.
- [126] Dianne G. Goodwin and James W. Vaupel. Concentration Curves and Have-Statistics for Ecological Analysis of Diversity: Part III: Comparison of Measures of Diversity. Working Paper WP-85-91, International Institute for Applied Systems Analysis, Laxenburg, Austria, December 1985.
- [127] J. Goodwin, R.S. Taylor, V.R. Pearce, and K.L.Q. Read. Seasonal cold, excursions behavior, clothing protection and physical activity in young and old subjects. *International Journal of Circumpolar Health*, 59:195–203, 2000.
- [128] Georg Gottschalk. Housing and Supportive Services for Frail Elders in Denmark. In Jon Pynoos and Phoebe S. Liebig, editors, *Housing Frail Elders. International Policies, Perspectives, and Prospects*, chapter 2, pages 19–44. The Johns Hopkins University Press, Baltimore, MD, 1995.
- [129] Walter R. Gove. Sex, Marital Status, and Mortality. *The American Journal of Sociology*, 79:45–67, 1973.
- [130] John Graunt. Natural and Political Observations Made Upon the Bills of Mortality. In *Reprinted in: John Graunt and Gregory King: The Earliest Classics (1973)*. Gregg International Publishers, 1662.

- [131] V. Grech, O. Aquilina, and J. Pace. Gender differences in seasonality of acute myocardial infarction admissions and mortality in a population-based study. *Journal of Epidemiology and Community Health*, 55:147–148, 2001.
- [132] P.J. Green and B.W. Silvermann. *Nonparametric Regression and Generalized Linear Models. A roughness penalty approach*. Monographs on Statistics and Applied Probability 58. Chapman & Hall, Boca Raton, FL, 2000.
- [133] Major Greenwood and G. Udny Yule. An Inquiry into the Nature of Frequency Distributions Representative of Multiple Happenings with Particular Reference to the Occurrence of Multiple Attacks of Disease or of Repeated Accidents. *Journal of the Royal Statistical Society*, 83:255–279, 1920.
- [134] Geneviève Grégoire, François Derderian, and Jacques Le Lorier. Selecting the Language of the Publications Included in a Meta-analysis: Is There a Tower of Babel bias? *Journal of Clinical Epidemiology*, 48:159–163, 1995.
- [135] Mikael Grut. Cold-related death in some developed countries. *The Lancet*, (8526):212, 1987. 24 January 1987.
- [136] William Augustus Guy and M.B. Cantab. An Attempt to Determine the Influence of the Seasons and Weather on Sickness and Mortality. *Journal of the Statistical Society of London*, 6:133–150, 1843.
- [137] R. Charon Gwynn, Richard T. Burnett, and George D. Thurston. A Time-Series Analysis of Acidic Particulate Matter and Daily Mortality and Morbidity in the Buffalo, New York, Region. *Environmental Health Perspectives*, 108:125–133, 2000.
- [138] Staffan Gyllerup. Cold climate and coronary mortality in Sweden. *International Journal of Circumpolar Health*, 59(3–4):160–163, 2000.
- [139] Helinä Hakko. *Seasonal Variation of Suicides and Homicides in Finland. With special attention to statistical techniques used in seasonality studies*. PhD thesis, Faculty of Medicine, University of Oulu, FIN, 2000.
- [140] Stephen K. Happel and Timothy D. Hogan. Counting snowbirds: The importance and the problems with estimating seasonal populations. *Population Research and Policy Review*, 21:227–240, 2002.
- [141] Frank E. Harrell Jr. *Regression Modeling Strategies. With Applications to Linear Models, Logistic Regression, and Survival Analysis*. Springer Series in Statistics. Springer, New York, NY, 2001.
- [142] Joachim Hartung. *Statistik. Lehr- und Handbuch der angewandten Statistik*. R. Oldenbourg Verlag, München, D, 1999.
- [143] Barbara Harvey. *Living and Dying in England, 1100-1540. The Monastic Experience*. Clarendon Press, Oxford, UK, 1993.
- [144] Barbara Harvey and Jim Oeppen. Patterns of morbidity in late medieval England: a sample from Westmister Abbey. *The Economic History Review*, 54:215–239, 2001.

- [145] Trevor Hastie and Robert Tibshirani. Varying-Coefficient Models. *Journal of the Royal Statistical Society. Series B (Methodological)*, 55:757–796, 1993.
- [146] John Hatcher. Mortality in the Fifteenth century: Some new evidence. *Economic History Review, 2nd Ser.*, 39:19–38, 1986.
- [147] J.D. Healy. Excess winter mortality in Europe: a cross country analysis identifying key risk factors. *Journal of Epidemiology and Community Health*, 57:784–789, 2003.
- [148] M. Hernández and C. García-Moro. Seasonal distribution of mortality in Barcelona (1983–1985). *Antropologia portuguesa*, 4–5:211–223, 1986–1987.
- [149] D. Ann Herring and Robert D. Hoppa. Changing Patterns of Mortality Seasonality Among the Western James Bay Cree. *International Journal of Circumpolar Health*, 56:121–133, 1997.
- [150] David Hewitt, Jean Milner, Adele Csima, and Andrew Pakula. On Edwards’ criterion of seasonality and a non-parametric alternative. *British Journal of Preventive Social Medicine*, 25:174–176, 1971.
- [151] Peter Høeg. *Miss Smilla’s Feeling for Snow*. The Harvill Press, London, UK, 1997.
- [152] W.W. Holland, A.E. Bennett, I.R. Cameron, C. du V. Florey, S.R. Leeder, R.S.F. Schilling, A.V. Swan, and R.E. Waller. Health effects of particulate pollution: reappraising the evidence. *American Journal of Epidemiology*, 110:527–659, 1979.
- [153] Mary F. Hollingsworth and T.H. Hollingsworth. Plague Mortality Rates by Age and Sex in the Parish of St. Botolph’s without Bishopsgate, London, 1603. *Population Studies*, 25:131–146, 1971.
- [154] T.H. Hollingsworth. *Historical Demography*. Cornell University Press, Ithaca, NY, 1969.
- [155] Robert D. Hoppa. *R*. PhD thesis.
- [156] Peter Höppe. Aspects of human biometeorology in past, present and future. *International Journal of Biometeorology*, 40:19–23, 1997.
- [157] Benoît Hopquin. «Plusieurs centaines à plusieurs milliers de morts» dues à la pollution. Available online at: <http://www.cnn.com>, 2003.
- [158] Susan Dadakis Horn. Goodness-of-fit tests for discrete data: A review and an application to a health impairment scale. *Biometrics*, 33:237–247, 1977.
- [159] David W. Hosmer and Stanley Lemeshow. *Applied Logistic Regression*. Wiley Series in Probability and Mathematical Statistics. Applied probability and statistics section. John Wiley & Sons, New York, NY, 1989.
- [160] Philip Hougaard, Mei-Ling Ting Lee, and G.A. Whitmore. Analysis of Overdispersed Count Data by Mixtures of Poisson Variables and Poisson Processes. *Biometrics*, 53:1225–1238, 1997.
- [161] R.A. Houston. *The population history of Britain and Ireland, 1550–1750*. Cambridge University Press, Cambridge, UK, 1992.

- [162] Stefan Hradil. Soziale Ungleichheiten, Milieus und Lebensstile in den Ländern der Europäischen Union. In Stefan Hradil and Stefan Immerfall, editors, *Die westeuropäischen Gesellschaften im Vergleich*, chapter 5, pages 475–519. Leske und Budrich, Opladen, D, 1997.
- [163] Yuanreng Hu and Noreen Goldman. Mortality differentials by marital status: An international comparison. *Demography*, 27:233–250, 1990.
- [164] Human Life-Table Database. Data by country: Denmark. Contributions from Väinö Kannisto and Danmarks Statistik, accessible online at: <http://www.lifetable.de>, April 2003.
- [165] Human Life-Table Database. Data by country. Accessible online at: <http://www.lifetable.de>, July 2004.
- [166] Human Life-Table Database. Data by Country: United States of America. Felicitie C. Bell and Michael L. Miller. Life Tables for the United States Social Security Area 1900-2100. Actuarial Study No. 116, accessible online at: <http://www.lifetable.de>, February 2004.
- [167] Human Life-Table Database. Data by Country: United States of America. Accessible online at: <http://www.lifetable.de>, August 2004.
- [168] Robert A. Hummer, Richard G. Rogers, and Isaac W. Eberstein. Sociodemographic Differentials in Adult Mortality: A Review of Analytic Approaches. *Population and Development Review*, 24:553–578, 1998.
- [169] Maud M.T.E. Huynen, Pim Martens, Dienneke Schram, Matty P. Weijnenberg, and Anton E. Kunst. The impact of heat waves and cold spells on mortality rates in the Dutch population. *Environmental Health Perspectives*, 109:463–470, 2001.
- [170] Ross Ihaka and Robert Gentleman. R: A language for data analysis and graphics. *Journal of Computational and Graphical Statistics*, 5(3):299–314, 1996.
- [171] Indenrigs- og Sundhedsministeriet. Health care in denmark. Available online at: http://www.im.dk/publikationer/healthcare_in_dk/all.htm (accessed 17 August, 2004), 2002.
- [172] Kim Iskyan. The killer season. this summer was deadly, but winter could be even worse. Available online at: <http://slate.msn.com>, 2004.
- [173] R. Jacobsen, N. Keiding, and E. Lyngge. Long term mortality trends behind low life expectancy of Danish women. *Journal of Epidemiology and Community Health*, 56:205–208, 2002.
- [174] Rune Jacobsen, Allan Jensen, Niels Keiding, and Elsebeth Lyngge. Queen Margrethe II and mortality in Danish women. *The Lancet*, 358:75, 2001.
- [175] Jitka Jelinková and Martin Braniš. Mortality during winter smog episodes 1982, 1985, 1987 and 1993 in the Czech Republic. *Int Arch Occup Environ Health*, 74:565–573, 2001.
- [176] Bengt Johansson. Cold and ischaemic heart disease. *International Journal of Circumpolar Health*, 59(3–4):188–191, 2000.
- [177] Vincenz John. *Geschichte der Statistik: ein quellenmässiges Handbuch für den akademischen Gebrauch wie für den Selbstunterricht. Erster*

- Teil: Von dem Ursprung der Statistik bis auf Quetelet (1835)*. Verlag von Ferdinand Enke, Stuttgart, D, 1884.
- [178] Judy Jones. UK seeks to prevent 50 000 winter deaths from “fuel poverty”. *British Medical Journal*, 322:510, 2001.
- [179] R. Jones, J. Scouller, F. Grainer, M. Lachlan, S Evans, and N Torrance. The scandal of poor medical research: Sloppy use of literature often to blame (Letters). *British Medical Journal*, 308:591, 1994.
- [180] I.M. Joung, H. van de Mheen, K. Stronks, F.W. van Poppel, and Mackenbach J.P. Differences in self-reported morbidity by marital status and by living arrangement. *International Journal of Epidemiology*, 23:91–97, 1994.
- [181] Knud Juel. Increased mortality among Danish women: population based register study. *British Medical Journal*, 321:349–350, 2000.
- [182] E. Jutikkala and M. Kauppinen. The Structure of Mortality during Catastrophic Years in a Pre-Industrial society. *Population Studies*, 25:283–285, 1971.
- [183] J.D. Kalbfleisch and R.L. Prentice. *The Statistical Analysis of Failure Time Data*. John Wiley & Sons, New York, N.Y., 1980.
- [184] H. Kanai and I. Nakamura. Congenital Malformations by Month of Birth. In T. Miura, editor, *Seasonal effects on reproduction, infection and psychoses (Progress in Biometeorology, Vol. 6)*, pages 123–130. The Hague: SPB Academic Publishing, 1987.
- [185] William Keatinge. Effects of temperature on health. Presentation given at the workshop “Seasonality in Mortality”, Duke University, NC, 07–08 March 2002, 2002.
- [186] William Keatinge and Gavin Donaldson. Winter deaths: warm housing is not enough (Letters). *British Medical Journal*, 323:166, 2001.
- [187] W.R. Keatinge. Seasonal mortality among elderly people with unrestricted home heating. *British Medical Journal*, 293:732–733, 1986.
- [188] W.R. Keatinge, S.R.K. Coleshaw, and J. Holmes. Changes in seasonal mortalities with improvement in home heating in England and Wales from 1964 to 1984. *International Journal of Biometeorology*, 33:71–76, 1989.
- [189] W.R. Keatinge and G.C. Donaldson. Mortality related to cold and air pollution in London after allowance for effects of associated weather patterns. *Environmental Research*, 86:209–216, 2001.
- [190] W.R. Keatinge, G.C. Donaldson, Elvira Cordioli, M. Martinelli, A.E. Kunst, Mackenbach J.P., S. Näyhä, and I. Vuori. Heat related mortality in warm and cold regions of Europe: observational study. *British Medical Journal*, 321:670–673, 2000.
- [191] Julia A. Kelsall, Scott L. Zeger, and Jonathan M. Samet. Frequency domain log-linear models; air pollution and mortality. *Applied Statistics*, 48:331–344, 1999.

- [192] Maurice G. Kendall and Alan Stuart. *The Advanced Theory of Statistics.*, volume 1, Distribution Theory. Hafner Publishing Company, New York, NY, third edition, 1969.
- [193] Hugo Kesteloot. Queen Margrethe II and mortality in Danish women. *The Lancet*, 357:871–872, 2001.
- [194] Kay-Tee Khaw and Peter Woodhouse. Interrelation of vitamin C, infection, haemostatic factors, and cardiovascular disease. *British Medical Journal*, 310:1559–1563, 1995.
- [195] Evelyn M. Kitagawa and Philip M. Hauser. *Differential mortality in the United States: A Study in Socioeconomic Epidemiology*. Harvard University Press, Cambridge, MA, 1973.
- [196] John P. Klein and Melvin L. Moeschberger. *Survival Analysis : Techniques for Censored and Truncated Data*. Statistics for Biology and Health. Springer, New York, NY, 2003.
- [197] Susan E. Klepp. Seasoning and Society: Racial Differences in Mortality in Eighteenth-Century Philadelphia. *William and Mary Quarterly*, 51:473–506, 1994.
- [198] G.A. Klevezal and N.I. Shishlina. Assessment of the Season of Death of Ancient Human from Cementum Annual Layers. *Journal of Archaeological Science*, 28:481–486, 2001.
- [199] Robert A. Kloner, Kenneth Poole, and Rebecca L. Perritt. When Throughout the Year is Coronary Death Most Likely to Occur? A 12-Year Population-Based Analysis of More Than 220 000 Cases. *Circulation*, 100:1630–1634, 1999.
- [200] Donald Ervin Knuth. *Digital Typography*. CSLI Lecture Notes, no. 78. University of Chicago Press, Stanford, CA, 1999.
- [201] Frances E. Kobrin and Gerry E. Hendershot. Do Family Ties Reduce Mortality? Evidence from the United States, 1966–1968. *Journal of Marriage and the Family*, 39:737–745, 1977.
- [202] Hans-Peter Kohler and James Vaupel. Demography and its Relation to Other Disciplines. In Zdeněk Pavlík, editor, *Position of Demography Among Other Disciplines*, pages 19–26. Department of Demography and Geodemography, Charles University in Prague, Faculty of Science, Prague, CZ, 2000.
- [203] A. Kolmogoroff. Sulla determinazione empirica di una legge di distribuzione. *Giornale dell'Istituto Italiano degli Attuari*, 4:83–91, 1933.
- [204] A. Kolmogoroff. Confidence limits for an unknown distribution function. *Annals of Mathematical Statistics*, 12:416–463, 1941.
- [205] N.D. Kondratieff. Die langen Wellen der Konjunktur. *Archiv für Sozialwissenschaft und Sozialpolitik*, 56:573–609 (reprinted in: *The Review of Economic Statistics*, Vol. 17, pp. 105–115), 1926.
- [206] F. Kotěšovec, J. Skorkovský, Brynda J., Peters A., and Heinrich J. Daily mortality and air pollution in Northern Bohemia: different effects for men and women. *Cent. Eur. J. Publ. Health*, 8:120–127, 2000.

- [207] Hermann Kühn, Hans-Peter Haack, and Thomas Jähnichen. Pneumonie und Jahreszeit. *Zeitschrift für die gesamte innere Medizin und ihre Grenzgebiete*, 26:617–621, 1971.
- [208] A.E. Kunst, C.W.N. Looman, and J.P. Mackenbach. The Decline in Winter Excess Mortality in the Netherlands. *International Journal of Epidemiology*, 20:971–977, 1990.
- [209] A.E. Kunst, C.W.N. Looman, and J.P. Mackenbach. Outdoor Air-Temperature and Mortality in the Netherlands — A Time-Series Analysis. *American Journal of Epidemiology*, 137:331–341, 1993.
- [210] Anton Kunst. *Cross-national comparisons of socio-economic differences in mortality*. PhD thesis, Department of Public Health, Erasmus University Rotterdam, Rotterdam, NL, 1997.
- [211] John Landers. *Death and the metropolis. Studies in the demographic history of London 1670–1830*. Cambridge University Press, Cambridge, UK, 1993.
- [212] Peter Laslett. Introduction. In *The Earliest Classics*. Gregg International Publishers, 1973.
- [213] D.A. Lawlor. Deprivation and excess winter mortality. *Journal of Epidemiology and Community Health*, 53:807–808, 1999.
- [214] D.A. Lawlor, R Maxwell, and B.W. Wheeler. Rurality, deprivation, and excess winter mortality: an ecological study. *Journal of Epidemiology and Community Health*, 56:373–374, 2002.
- [215] Deborah A. Lawlor, Daniel Harvey, and Howard G. Dews. Investigation of the association between excess winter mortality and socio-economic deprivation. *Journal of Public Health Medicine*, 22:176–181, 2000.
- [216] Hervé Le Bras and Dominique Dinet. Mortalité des laïcs et mortalité des religieux: les bénédictins de St-Maur aux XVII^e and XVIII^e siècle. *Population*, pages 347–384, 1980.
- [217] Jong-Tae Lee, Ho Kim, Yun-Chul Hong, Ho-Jang Kwon, Joel Schwartz, and David C. Christiani. Air Pollution and Daily Mortality in Seven Major Cities of Korea, 1991–1997. *Environmental Research (Section A)*, 84:247–254, 2000.
- [218] Ronald Lee. Short-term variation: vital rates, prices, and weather. In E.A. Wrigley and R.S. Schofield, editors, *The Population History of England, 1541–1871*, chapter 9, pages 356–401. Cambridge University Press, Cambridge, UK, 1989.
- [219] Mall Leinsalu, Vågerö, and Kunst Anton E. Estonia 1989–2000: enourmous increase in mortality differentials by education. *International Journal of Epidemiology*, 32:1081–1087, 2003.
- [220] Alexander Lerchl. Changes in the seasonality of mortality in Germany from 1946 to 1995: the role of temperature. *International Journal of Biometeorology*, 42:84–88, 1998.
- [221] J.W.C. Lever. On the Sickness and Mortality Among the Troops in the United Kingdom. Abstract of the Statistical Report of Major Tulloch. *Journal of the Statistical Society of London*, 2:250–260, 1839.

- [222] Daniel E. Lieberman. The Biological Basis for Seasonal Increments in Dental Cementum and Their Application to Archaeological Research. *Journal of Archaeological Science*, 21:525–539, 1994.
- [223] Lee A. Lillard and Constantijn W.A. Panis. Marital Status and Mortality: The Role of Health. *Demography*, 33:313–327, 1996.
- [224] Wilfried Linke and Udo W. Kroschewski. Zeitreihenanalyse der natürlichen Bevölkerungsbewegung 1950 bis 1977. *Zeitschrift für Bevölkerungswissenschaft*, 5:215–234, 1979.
- [225] Massimo Livi-Bacci. *Population and Nutrition. An Essay on European Demographic History*. Cambridge Studies in Population, Economy and Society in Past Time 14. Cambridge University Press, Cambridge, UK, 1991.
- [226] Rikke Lund, Pernille Due, Bjørn Evald Modvig, Jens Holstein, Mogens Trab Damsgaard, and Per Kragh Andersen. Cohabitation and marital status as predictors of mortality — an eight year follow-up study. *Social Science and Medicine*, 55:673–679, 2002.
- [227] Marc Luy. Die geschlechtsspezifischen Sterblichkeitsunterschiede — Zeit für eine Zwischenbilanz. *Zeitschrift für Gerontologie und Geriatrie*, 35:412–429, 2002.
- [228] Marc Luy. *Warum Frauen länger leben. Antworten durch einen Vergleich von Kloster- und Allgemeinbevölkerung*. Materialien zur Bevölkerungswissenschaft, Bd. 106. Bundesinstitut für Bevölkerungsforschung, Wiesbaden, D, 2002.
- [229] Marc Luy. Causes of Male Excess Mortality: Insights from a Cloistered Population. *Population and Development Review*, 29:647–676, 2003.
- [230] J.W. Lynch, G.A. Kaplan, and J.T. Salonen. Why do poor people behave poorly? Variation in adult health behaviors and psychosocial characteristics by stages of the socioeconomic lifecourse. *Social Science and Medicine*, 44:809–819, 1997.
- [231] W.R. Lyster. The altered seasons of death in America. *Journal of Biosocial Science*, 4:145–151, 1972.
- [232] Johan P. Mackenbach, Vincent Borst, and Jos M.G.A. Schols. Heat-related mortality among nursing-home patients. *The Lancet*, 349:1297–1298, 1997.
- [233] Johan P. Mackenbach, Vivian Bos, Otto Andersen, Mario Cardano, Guiseppe Costa, Seeromanie Harding, Alison Reid, Örjan Hemström, Tapani Valkonen, and Anton E. Kunst. Widening socioeconomic inequalities in mortality in six Western European countries. *International Journal of Epidemiology*, 32:830–837, 2003.
- [234] Johan P. Mackenbach, Anton E. Kunst, Feikje Groenhof, Jens-Kristian Borgan, Giuseppe Costa, Fabrizio Faggiano, Józsan, Mall Leinsalu, Pekka Martikainen, Jitka Rychtarikova, and Tapani Valkonen. Socioeconomic Inequalities in Mortality Among Women and Among Men: An International Study. *American Journal of Public Health*, 89:1800–1806, 1999.

- [235] J.P. Mackenbach, A.E. Kunst, and C.W.N. Looman. Seasonal variation in mortality in the Netherlands. *Journal of Epidemiology and Community Health*, 46:261–265, 1992.
- [236] Sten Madsen. Queen Margrethe II and mortality in Danish women. *The Lancet*, 358:75, 2001.
- [237] Andres Magnusson. Historical excerpts. In Timo Partonen and Andres Magnusson, editors, *Seasonal Affective Disorder. Practice and Research*, chapter 1, pages 3–8. Oxford University Press, 2001.
- [238] Perla J. Marang-van de Mheen, George Davey Smith, Carole L. Hart, and David J. Hole. Are women more sensitive to smoking than men? Findings from the Renfrew and Paisley study. *International of Epidemiology*, 30:787–792, 2001.
- [239] Agustín Maravall. Brief Description of the Programs. Available online at: <http://www.bde.es/servicio/software/tramo/summprogs.pdf>, 2002.
- [240] Lucien March. Some researches concerning the factors of mortality. *Journal of the Royal Statistical Society*, 75:505–538, 1912.
- [241] G. Marcuzzi and M. Tasso. Mortality of the German linguistic isolates of the Western Italian Alps (Walser). *Antropologia portuguesa*, 52:239–259, 1994.
- [242] Giorgio Marcuzzi and Miro Tasso. Seasonality of Death in the Period 1889–1988 in the Val di Scalve (Bergamo Pre-Alps, Lombardia, Italy). *Human Biology*, 64:215–222, 1992.
- [243] M.G. Marmot and M.E. McDowall. Mortality Decline and Widening Social Inequalities. *The Lancet*, 8501:274–276, 1986.
- [244] Osvaldo Marrero. The performance of several statistical tests for seasonality in monthly data. *Journal of Computational Statistics and Simulation*, 17:275–296, 1983.
- [245] Alex Marsh, David Gordon, Christina Pantazis, and Pauline Heslop. *Home Sweet Home? The impact of poor housing on health*. Policy Press, Bristol, UK, 1999.
- [246] Roger J. Marshall, Robert Scragg, and Paul Bourke. An Analysis of the Seasonal Variation of Coronary Heart Disease and Respiratory Disease Mortality in New Zealand. *International Journal of Epidemiology*, 17:325–331, 1988.
- [247] Edward J. Masoro and Steven N. Austad, editors. *Handbook of the Biology of Aging*. Academic Press, San Diego, CA, 5 edition, 2001.
- [248] Patrick E. McBride. The Health Consequences of Smoking. Cardiovascular Diseases. *Medical Clinics of North America*, 76:333–353, 1992.
- [249] P. McCullagh and J.A. Nelder. *Generalized linear models*. Chapman and Hall, London, UK, 1989.
- [250] John M. McCullough. Application of the Kolmogorov-Smirnov Test to Seasonal Phenomena May Be Inappropriate. *American Journal of Physical Anthropology*, 68:393–394, 1985.

- [251] Michael McDowall. Long term trends in seasonal mortality. *Population Trends*, 26:16–19, 1981.
- [252] C.M. McKee. Deaths in Winter: Can Britain learn from Europe? *European Journal of Epidemiology*, 5(2):178–82, 1989.
- [253] Martin McKee, Colin Sanderson, Laurent Chenet, Sergei Vassin, and Vladimir Shkolnikov. Seasonal variation in mortality in Moscow. *Journal of Public Health Medicine*, 20:268–274, 1998.
- [254] Thomas McKeown. Food, Infection, and Population. *Journal of Interdisciplinary History*, 14:227–247, 1983.
- [255] Thomas McKeown and R. G. Record. Reasons for the Decline of Mortality in England and Wales during the Nineteenth Century. *Population Studies*, 16:94–122, 1962.
- [256] C.E. McLaren, J.M. Legler, and G.M. Brittenham. The generalized χ^2 -goodness-of-fit test. *The Statistician*, 43:247–258, 1994.
- [257] Don McNeil. *Epidemiological Research Methods*. John Wiley & Sons, New York, NY, 1996.
- [258] James Mercer and Sigurd Sparr. Preface. *International Journal of Circumpolar Health*, 59(3–4):152–153, 2000.
- [259] France Meslé and Jacques Vallin. Reconstructing Long-Term Series of Causes of Death. *Historical Methods*, 29:72–87, 1996.
- [260] Masako S. Momiyama. Changes in seasonality of human deaths from infectious diseases. In T. Miura, editor, *Seasonal effects on reproduction, infection and psychoses (Progress in Biometeorology, Vol. 5)*, pages 159–169. The Hague: SPB Academic Publishing, 1987.
- [261] Kevin M. Murphy and Robert Topel. The Economic Value of Medical Research. Available online at: <http://gsbwww.uchicago.edu/fac/kevin.murphy/research/murphy&topel.pdf>. Forthcoming in: Kevin M. Murphy and Robert H. Topel (Eds.) *Exceptional Returns* (2003). Chicago, IL: Chicago University Press, 1999.
- [262] Seiichi Nakai, Toshiyuki Itoh, and Taketoshi Morimoto. Deaths from heat-stroke in Japan: 1968–1994. *International Journal of Biometeorology*, 43:124–127, 1999.
- [263] Jun-mo Nam. Interval estimation and significance testing for cyclic trends in seasonality studies. *Biometrics*, 51:1411–1417, 1995.
- [264] National Center for Health Statistics. Table 1. Deaths, percent of total deaths, and death rates for the 10 leading causes of death in selected age groups, by race and sex: United States, 2000. *National Vital Statistics Report*, 50(16):13–48, September 2002. Available online at: http://www.cdc.gov/nchs/fastats/pdf/nvsr50_16t1.pdf.
- [265] National Statistics Online. Census 2001. Housing. Available online at: http://www.statistics.gov.uk/census2001/profiles/rank/rank_housing.asp, 2004.
- [266] National Statistics Online. Excess winter mortality. Available online at: <http://www.statistics.gov.uk/>, 2004.

- [267] Mary P. Naughton, Alden Henderson, Maria C. Mirabelli, Reinhard Kaiser, John L. Wilhelm, Stephanie M. Kieszak, Carol H. Rubin, and Michael McGeehin. Heat-Related Mortality During a 1999 Heat Wave in Chicago. *American Journal of Preventive Medicine*, 22:221–227, 2002.
- [268] Simo Näyhä. *Short and medium term variations in mortality in Finland*. PhD thesis, Department of Public Health Service, University of Oulu, Finland, 1980.
- [269] Simo Näyhä. Seasonal variation of deaths in Finland: is it still diminishing? *International Journal of Circumpolar Health*, 59(3–4):182–187, 2000.
- [270] NBER. Seasonal Adjustments in the NBER Macrohistory Data. Downloadable at: <http://nber.org/databases/macrophistory/contents/sa.html>, 2003.
- [271] E.P. Neale. A New Zealand Study in Seasonal Fluctuations of External Migration, with Special Reference to the Computation of Mean Annual Populations. *Journal of the Royal Statistical Society*, 86:226–241, 1923.
- [272] Andrew R. Ness and John W. Powles. Fruit and Vegetables, and Cardiovascular Disease: A Review. *International Journal of Epidemiology*, 26:1–13, 1997.
- [273] Kristin L. Nichol, James Nordin, John Mullooly, Richard Lask, Kelly Fillbrandt, and Marika Iwane. Influenza Vaccination and Reduction in Hospitalization for Cardiac Disease and Stroke among the Elderly. *The New England Journal of Medicine*, 348:1322–1332, 2003.
- [274] William D. Nordhaus. The Health of Nations. The Contribution of Improved Health to Living Standards. NBER Working Paper 8818, National Bureau of Economic Research, Cambridge, MA, March 2002.
- [275] Martin Nourney. Methode der Zeitreihenanalyse. *Wirtschaft und Statistik*, pages 11–17, 1973.
- [276] Martin Nourney. Weiterentwicklung des Verfahrens der Zeitreihenanalyse. *Wirtschaft und Statistik*, pages 96–101, 1975.
- [277] Martin Nourney. Umstellung der Zeitreihenanalyse. *Wirtschaft und Statistik*, (Available online at: <http://www.destatis.de>), 1983.
- [278] Kevin F. O'Brien and Donald Holbert. Note on the choice for statistic for testing hypotheses regarding seasonality. *American Journal of Physical Anthropology*, 72:523–524, 1987.
- [279] Jim Oeppen and James W. Vaupel. Broken Limits to Life Expectancy. *Science*, 296:1029–1031, 2002.
- [280] Noel D.L. Olsen. Prescribing warmer, healthier homes (Editorial). *British Medical Journal*, 322:748–749, 2001.
- [281] Abdel R. Omran. The Epidemiologic Transition : A Theory of the Epidemiology of Population Change. *Milbank Memorial Fund Quarterly*, 49:509–538, 1971.
- [282] Bart Ostro. Fine Particulate Air Pollution and Mortality in Two Southern California Counties. *Environmental Research*, 70:98–104, 1995.

- [283] Finbarr O'Sullivan. A Statistical Perspective on Ill-Posed Inverse Problems. *Statistical Science*, 1:502–518, 1986.
- [284] Gregory Pappas, Susan Queen, Wilbur Hadden, and Gail Fisher. The Increasing Disparity in Mortality between Socioeconomic Groups in the United States, 1960 and 1986. *The New England Journal of Medicine*, 329:103–109, 1993.
- [285] Len Paulozzi. The seasonality of mortality in alaska. *Social Science and Medicine*, 15:335–339, 1981.
- [286] Karl Pearson. On the Criterion that a Given System of Deviations from the Probable in the Case of a Correlated System of Variables is Such that it Can be Reasonably Supposed to have Arisen from Random Sampling. London, Edinburgh and Dublin: Philosophical Magazine and Journal of Science, Vol. 50, 5th Series, pp. 157–175. In Samuel Kotz and Norman L. Johnson, editors, *Breakthroughs in Statistics. Volume II. Methodology and Distribution (1992)*, pages 11–28. Springer, Heidelberg, Germany, 1990.
- [287] Jørn Korsbo Petersen. The Danish Demographic Database - longitudinal data for advanced demographic methods. Research Report 15, Danish Center for Demographic Research. SDU - Odense University, Odense, DK, 2000.
- [288] Jørn Korsbo Petersen. *The Danish Demographic Database - longitudinal data for advanced demographic methods*. Danish Center for Demographic Research, Odense, DK, research report 15 edition, 2000.
- [289] Jørn Korsbo Petersen. Personal Communications, 2003.
- [290] Linda Williams Pickle, Michael Mungiole, Gretchen K. Jones, and Andrew A. White. Atlas of United States Mortality. Technical report, National Center for Health Statistics, Hyattsville, MD, 1996.
- [291] S.J. Pocock. Harmonic analysis applied to seasonal variations in sickness absence. *Applied Statistics*, 23:103–120, 1974.
- [292] K. Poortema. On modelling overdispersion of counts. *Statistica Neerlandica*, 53:5–20, 1999.
- [293] R.L. Prentice, J.D. Kalbfleisch, A.V. Peterson Jr., N. Flournoy, V.T. Farewell, and N.E. Breslow. The Analysis of Failure Times in the Presence of Competing Risks. *Biometrics*, 34:541–554, 1978.
- [294] Eva Prescott, Merete Hippe, Peter Schnohr, Hans Ole Hein, and Jørgen Vestbo. Smoking and risk of myocardial infarction in women and men: longitudinal population study. *British Medical Journal*, 316:1043–1047, 1998.
- [295] Eva Prescott, Merete Osler, Per Kragh Andersen, Hans Ole Hein, Knut Borch-Johnsen, Peter Lange, Peter Schnohr, and Jørgen Vestbo. Mortality in women and men in relation to smoking. *International Journal of Epidemiology*, 27:27–32, 1998.
- [296] Samuel E. Preston and Irma T. Elo. Are Educational Differentials in Adult Mortality Increasing in the United States? *Journal of Aging and Health*, 7:476–496, 1995.

- [297] Samuel H. Preston, Patrick Heuveline, and Michel Guillot. *Demography. Measuring and Modeling Population Processes*. Blackwell Publishers, Oxford, UK, 2001.
- [298] Raimo Pullat. Die Struktur und die saisonmäßige Verteilung der Sterblichkeit der Talinner Bevölkerung im 18. Jahrhundert basierend auf Kirchenbüchern der Heiligengeistkirche. *Zeitschrift für Bevölkerungswissenschaft*, 11:401–412, 1985.
- [299] Quantitative Micro Software. *EViews 4 User Guide*. Quantitative Micro Software, LLC, Irvine, CA, 2000.
- [300] Adolphe Quetelet. *De l'influence des saisons sur la mortalité aux différents âges dans la Belgique*. M. Hayez, Bruxelles, B, 1838.
- [301] R Development Core Team. *R: A language and environment for statistical computing*. R Foundation for Statistical Computing, Vienna, Austria, 2003. ISBN 3-900051-00-3.
- [302] Roland Rau and Gabriele Doblhammer. Seasonal mortality in Denmark. The role of sex and age. *Demographic Research*, 9:197–222, 2003.
- [303] Adi Raveh. Comments on Some Properties of X-11. *The Review of Economics and Statistics*, 66:343–348, 1984.
- [304] Barry Reay. *Microhistories: demography, society and culture in rural England, 1800–1930*. Cambridge University Press, Cambridge, UK, 1996.
- [305] Sijmen A. Reijneveld. The choice of a statistic for testing hypotheses regarding seasonality. *American Journal of Physical Anthropology*, 83:181–184, 1990.
- [306] Christian H. Reinsch. Smoothing by Spline Functions. *Numerische Mathematik*, 10:177–183, 1967.
- [307] Toni Richards. Weather, nutrition, and the economy: Short-run fluctuations in births, deaths, and marriages, France 1740–1909. *Demography*, 20:197–212, 1983.
- [308] Zoltán Rihmer, Wolfgang Rutz, Hans Pihlgren, and Péter Pestiality. Decreasing tendency of seasonality in suicide may indicate lowering rate of depressive suicides in the population. *Psychiatry Research*, 81:233–240, 1998.
- [309] J.-M. Robine and J.W. Vaupel. Supercentenarians: slower ageing individuals or senile elderly? *Experimental Gerontology*, 36:915–930, 2001.
- [310] Jean-Marie Robine. A new biodemographic model to explain the trajectory of mortality. *Experimental Gerontology*, 36:899–914, 2001.
- [311] W.S. Robinson. Ecological correlations and the behavior of individuals. *American Sociological Review*, 15:351–357, 1950.
- [312] J.H. Roger. A significance test for cyclic trends in incidence data. *Biometrika*, 64:152–155, 1977.
- [313] Richard G. Rogers. The Effects of Family Composition, Health, and Social Support Linkages on Mortality. *Journal of Health and Social Behavior*, 37:326–338, 1996.

- [314] Richard G. Rogers, Robert A. Hummer, and Charles B. Nam. *Living and Dying in the USA. Behavioral, Health and Social Differentials of Adult Mortality*. Academic Press, San Diego, CA, 1995.
- [315] Peter A. Rogerson. A Generalization of Hewitt's Test for Seasonality. *International Journal of Epidemiology*, 25:644–648, 1996.
- [316] Eugene Rogot, Richard Fabsitz, and Manning Feinlein. Daily variation in USA mortality. *American journal of epidemiology*, 103:565–575, 1976.
- [317] Geoffrey Rose. Cold Weather and Ischaemic Heart Disease. *British Journal of preventive social Medicine*, 20:97–100, 1966.
- [318] Paul-Andre Rosenthal. Thirteen Years of Debate: From Population History to French Historical Demography (1945–1958). *Population: an English Selection*, 9:215–241, 1997.
- [319] Ira Rosenwaike. Seasonal variation of deaths in the United States, 1951–1960. *Journal of the American Statistical Association*, 61:706–719, 1966.
- [320] Steven Ruggles. The limitations of English family reconstitution: English population history from family reconstitution 1580–1837. *Continuity and Change*, 14:105–130, 1999.
- [321] Lothar Sachs. *Angewandte Statistik. Anwendung statistischer Methoden. Neunte, überarbeitete Auflage*. Springer, Berlin, Germany, 1999.
- [322] Marc Saez, Jordi Sunyer, Aureli Tobias, Ferran Ballester, and Josep Maria Antó. Ischaemic heart disease mortality and weather temperature in Barcelona, Spain. *European Journal of Public Health Medicine*, 10:58–63, 2000.
- [323] Osamu Saito. Historical Demography: Achievements and Prospects. *Population Studies*, 50:537–553, 1996.
- [324] Masako Sakamoto-Momiyama. *Seasonality in Human Mortality. A Medico-Geographical Study*. University of Tokyo Press, Tokyo, JP, 1977.
- [325] Masako Sakamoto-Momiyama. Changes in the Seasonality of Human Mortality: A Medico-Geographical Study. *Social Science and Medicine*, 12:29–42, 1978.
- [326] Robert Sallares. The emergence of falciparum malaria as a new disease in Roman Italy. Presented at the conference “Environmental Catastrophes and Recoveries in the Holocene”, August 29 – September 2, 2002. Abstract available online at: <http://atlas-conferences.com/cgi-bin/abstract/caji-10> (abstract accessed January 6, 2003), 2002.
- [327] Jonathan Samet, Scott Zeger, Julia Kelsall, Jing Xu, and Laurence Kalkstein. Does weather confound or modify the association of particulate air pollution with mortality. *Environmental Research Section, Section A*, 77:9–19, 1998.
- [328] Jonathan M. Samet, Francesca Dominici, Frank C. Curriero, Ivan Cour-sac, and Scott Zeger. Fine particulate air pollution and mortality in 20 U.S. cities. *The New England Journal of Medicine*, 343:1742–1749, 2000.
- [329] Francis Sartor, René Snacken, Claude Demuth, and Denise Walckiers. Temperature, Ambient Ozone Levels, and Mortality during Summer, 1994, in Belgium. *Environmental Research*, 70:105–113, 1995.

- [330] Walter Scheidel. Libitina's Bitter Gains: Seasonal Mortality and Endemic Disease in the Ancient City of Rome. *Ancient Society*, 25:151–175, 1994.
- [331] Walter Scheidel. Measuring Sex, Age and Death in the Roman Empire. *Journal of Roman Archaeology*, Supplementary Series Number 21:1–184, 1996.
- [332] Walter Scheidel. The meaning of dates on mummy labels: seasonal mortality and mortuary practice in Roman Egypt. *Journal of Roman Archaeology*, 11:285–292, 1998.
- [333] Walter Scheidel. Progress and Problems in Roman Demography. In Walter Scheidel, editor, *Debating Roman Demography*. Brill, Leiden, NL, 2001.
- [334] Walter Scheidel. Personal Communications, 2003.
- [335] Rainer Schlittgen and Bernd H.J. Streitberg. *Zeitreihenanalyse. 3., durchgesehene und verbesserte Auflage*. R. Oldenbourg, München, D, 1989.
- [336] Josef Schmid. *Wohlfahrtsstaaten im Vergleich*. Leske und Budrich, Opladen, D, 2nd edition, 2002.
- [337] Joel Schwartz. Air Pollution and Daily Mortality: A Review and Meta Analysis. *Environmental Research*, 64:36–52, 1994.
- [338] Joel Schwartz. What are People Dying of on High Pollution Days? *Environmental Research*, 64:26–35, 1994.
- [339] Alex Scobie. Slums, Sanitation, and Mortality in the Roman World. *KLIO*, 68:399–433, 1986.
- [340] Dimitrios Seretakis, Pagona Lagiou, Loren Lipworth, Lisa B. Signorello, Kenneth J. Rothman, and Dimitrios Trichopoulos. Changing Seasonality of Mortality From Coronary Heart Disease. *Journal of the American Medical Association*, 278:1012–1014, 1997.
- [341] Todd B. Seto, Murray A. Mittleman, Roger B. Davis, Deborah A. Taira, and Ichiro Kawachi. Seasonal variation in coronary artery disease mortality in Hawaii: observational study. *British Medical Journal*, 316:1946–1947, 1998.
- [342] Sunil Shah and Janet Peacock. Deprivation and excess winter mortality. *Journal of Epidemiology and Community Health*, 53:499–502, 1999.
- [343] Brent D. Shaw. Seasons of Death: Aspects of Mortality in Imperial Rome. *Journal of Roman Studies*, 86:100–138, 1996.
- [344] David J. Sheskin. *Handbook of Parametric and Nonparametric Statistical Procedures*. CRC Press, Boca Raton, US, 1997.
- [345] Tej Sheth, Cyril Nair, James Muller, and Salim Yusuf. Increased Winter Mortality From Acute Myocardial Infarction and Stroke: The Effect of Age. *Journal of the American College of Cardiology*, 33:1916–1919, 1999.
- [346] Vladimir M. Shkolnikov, Evgueni E. Andreev, and Alexander Z. Begun. Gini coefficient as a life table function: computation from discrete data, decomposition of differences and empirical examples. *Demographic Research*, 8:305–357, 2003.

- [347] Maria Shkolnikova. Personal Communications, 2004.
- [348] Theresa A. Singleton. The Archaeology of Slavery in North America. *Annual Review of Anthropology*, 24:119–140, 1995.
- [349] Axel Skyttthe. The Fundament for Danish Register Research. Civil Registration System. Presentation given at the course “The data of Denmark”, Odense, DK, 30 April 2001, 2000.
- [350] Paul Slack. The Disappearance of Plague: An Alternative View. *The Economic History Review*, 34:469–476, 1981.
- [351] Malcolm J. Slakter. A comparison of the pearson chi-square and the kolmogorov goodness-of-fit tests with respect to validity. *Journal of the American Statistical Association*, 60:854–858, 1965.
- [352] N. Smirnov. Sur les écarts de la courbe de distribution empirique. *Recueil. Math. de Moscou*, 6:3–26, 1939.
- [353] Robert S. Smith. Barcelona “Bills of Mortality” and Population 1457–1590. *The Journal of Political Economy, New Series*, 34:469–476, 1986.
- [354] Robert R. Sokal and F. James Rohlf. *Biometry. The Principles and Practice of Statistics in Biological Research*. W.H. Freeman and Company, New York, N.Y., 3rd edition, 2000.
- [355] Sigurd Sparr. Cold and ischaemic heart disease in the elderly. *International Journal of Circumpolar Health*, 59(3–4):192–194, 2000.
- [356] Frederick A. Spencer, Robert J. Goldberg, Becker Richard C., and Joel M. Gore. Seasonal distribution of acute myocardial infarction in the second national registry of myocardial infarction. *Journal of the American College of Cardiology*, 31:1226–1233, 1998.
- [357] Hans-Theo Speth. Komponentenerlegung und Saisonbereinigung ökonomischer Zeitreihen mit dem Verfahren BV4.1. Methodenberichte, Heft 3, 2004, Statistisches Bundesamt, Wiesbaden, D, 2004.
- [358] A.S. St Leger. Comparison of two tests for seasonality in epidemiological data. *Applied Statistics*, 25:280–286, 1976.
- [359] E. Stoupel, J. Abramson, S. Domarkiene, M. Shimshoni, and J. Sulkes. Space proton flux and the temporal distribution of cardiovascular deaths. *International Journal of Biometeorology*, 40:113–116, 1997.
- [360] Gustav Sundbärg. *Bevölkerungsstatistik Schwedens 1750–1900*. National Central Bureau of Statistics, Skriftserie utgiven av statistika centralbyrån, Urval Nummer 3, 1970.
- [361] José M. Tenías Burillo, Ferran Ballester Díez, Sylvia Medina, and Antonio Daponte Codina. Revisió de los trabajos originales que analizan los efectos de la contaminación atmosférica en la mortalidad, 1994–1998. *Rev Esp Salud Pública*, 73:145–164, 1999.
- [362] The Guardian. Cold killed 20,000 elderly people last winter, says charity. Available online at: <http://www.guardian.co.uk>, 2001.
- [363] The Independent. Britain is a rich nation; its old people should not be dying of the cold. Available online at: <http://www.independent.co.uk>, 2003.

- [364] G. Touloumi, S.J. Pocock, K. Katsouyanni, and D. Trichopoulos. Short Term Effects of Air Pollution on Daily Mortality in Athens: A Time-Series Analysis. *International Journal of Epidemiology*, 23:957–967, 1994.
- [365] G. Touloumi, E. Samoli, and K. Katsouyanni. Daily mortality and “winter type” air pollution in Athens, Greece—a time series analysis within the APHEA project. *Journal of Epidemiology and Community Health*, 50 (Supp. 1):S47–S51, 1996.
- [366] G. Ian Town. The health effect of particulate air pollution—a Christchurch perspective. *Biomarkers*, 6:15–18, 2001.
- [367] Richard Trudeau. Monthly and daily patterns of death. *Health Reports (Statistics Canada)*, 9:43–50, 1997.
- [368] A.M. Tulloch. On the Sickness and Mortality among the Troops in the West Indies. *Journal of the Statistical Society of London*, 1:428–444, 1838.
- [369] Jane H. Underwood. Seasonality of vital events in a Pacific island population. *Social Biology*, 38:113–126, 1991.
- [370] UNESCO. International Standard Classification of Education ISCED 1997. Available online at: http://www.unesco.org/education/information/nfsunesco/doc/isced_1997.htm, 1997.
- [371] Rainer Unger. *Soziale Differenzierung der aktiven Lebenserwartung im internationalen Vergleich*. Deutscher Universitätsverlag, Wiesbaden, D, 2003.
- [372] U.S. Census Bureau. Historical Census of Housing Tables: House Heating Fuel. Accessible online at: <http://www.census.gov/~hhes/www/housing/census/historic/fuels.html>, 2002.
- [373] U.S. Census Bureau. Intercensal Estimates of the United States Resident Population by Age and Sex: 1998. Accessible online at: <http://eire.census.gov/popest/data/national/tables/intercensal/US-EST90INT-07/US-EST90INT-07-1998.csv>, 2004.
- [374] Tapani Valkonen. Adult mortality and level of education: a comparison of six countries. In J. Fox, editor, *Health inequalities in European countries*. missing, 1989.
- [375] Jacques Vallin and France Meslé. *Les Causes de Décès en France de 1925 à 1978*. Travaux et Documents Cahier n°115. Institut National d’Études Démographiques, 1988.
- [376] Caroline T.M. van Rossum, Martin J. Shipley, Harry Hemingway, Grobbee Diederick E., Johan P. Mackenbach, and Michael J. Marmot. Seasonal variation in cause-specific mortality: Are there high-risk groups? 25-year follow-up of civil servants from the first Whitehall study. *International Journal of Epidemiology*, 30:1109–1116, 2001.
- [377] James W. Vaupel. How Change in Age-Specific Mortality Affects Life Expectancy. *Population Studies*, 40:147–157, 1986.

- [378] James W. Vaupel. The remarkable improvements in survival at older ages. *Philosophical Transactions of the Royal Society of London: Biological Sciences*, 352:1799–1804, 1997.
- [379] James W. Vaupel. Directions for demographic research in the 21st century. Presentation at Meeting "Perspectives of Demographic Research in Austria", Vienna, Austria, 1998.
- [380] James W. Vaupel. Life expectancy at current rates vs. current conditions. a reflexion stimulated by bongaarts and feeneys "how long do we live?". *Demographic Research*, 7:365–378, 2002.
- [381] James W. Vaupel. Personal Communications, 2003.
- [382] James W. Vaupel and Vladimir Canudas Romo. *Analysis of Population Changes and Differences. Methods for Demographers, Statisticians, Biologists, Epidemiologists, and Reliability Engineers*. Max Planck Institute for Demographic Research, Rostock, Germany, Konrad Zuse Str. 1, D–18057 Rostock, Germany, November 18 2001.
- [383] James W. Vaupel and Vladimir Canudas Romo. Decomposing demographic change into direct vs. compositional components. *Demographic Research*, 7:1–14, 2002.
- [384] James W. Vaupel, James R. Carey, Kaare Christensen, Thomas E. Johnson, Niels V. Yashin, Anatoli I. and Holm, Ivan A. Iachine, Väinö Kannisto, Aziz A. Khazaeli, Pablo Liedo, Valter D. Longo, Yi Zeng, Kenneth G. Manton, and James W. Curtsinger. Biodemographic trajectories of longevity. *Science*, 280:855–860, 1998.
- [385] James W. Vaupel, Kenneth G. Manton, and Eric Stallard. The Impact of Heterogeneity in Individual Frailty on the Dynamics of Mortality. *Demography*, 16:439–454, 1979.
- [386] James W. Vaupel and Anatoli I. Yashin. Heterogeneity's ruses: Some Surprising Effects of Selection on Population Dynamics. *The American Statistician*, 39:176–185, 1985.
- [387] James W. Vaupel and Anatoli I. Yashin. Repeated Resuscitation: How Lifesaving Alters Life Tables. *Demography*, 24:123–135, 1987.
- [388] James W. Vaupel, Wang Zhenglian, Kirill F. Andreev, and Anatoli I. Yashin. *Population Data at a Glance: Shaded Contour Maps of Demographic Surfaces over Age and Time*. Odense Monographs on Population Aging 4. University Press of Southern Denmark, Odense, DK, 1997.
- [389] W.N. Venables and B.D. Ripley. *Modern Applied Statistics with S-PLUS*. Springer, New York, NY, 3rd edition, 1999.
- [390] H. Verdoux, N. Takei, R. Cassou de Saint-Mathurin, and M. Bourgeois. Analysis of the seasonal variation of schizophrenic births using a kolmogorov-smirnov type statistic. *European Psychiatry*, 12:111–116, 1997.
- [391] S. Villa, H. Guisecafré, H. Martinez, and O Munõ. Seasonal diarrhoeal mortality among mexican children. *Bulletin of the World Health Organization*, 77:375–380, 1999.

- [392] Friedrich Vogel. *Beschreibende und schließende Statistik. Formeln, Definitionen, Erläuterungen, Stichwörter und Tabellen*. Oldenbourg, München, D, 8 edition, 1995.
- [393] Friedrich Vogel. *Studienskript: Parametrische und nichtparametrische (verteilungsfreie) Schätz- und Testverfahren*. Universität Bamberg, Lehrstuhl für Statistik, Bamberg, D, 1998.
- [394] Sylvan Wallenstein, Clarice R. Weinberg, and Madelyn Gould. Testing for a pulse in seasonal event data. *Biometrics*, 45:817–830, 1989.
- [395] S.D. Walter. Exact significance levels for Hewitt’s test for seasonality. *Journal of Epidemiology and Community Health*, 34:147–149, 1980.
- [396] S.D. Walter and J.M. Elwood. A test for seasonality of events with a variable population at risk. *British Journal of Preventive Social Medicine*, 29:18–21, 1975.
- [397] James H. Ware. Particulate Air Pollution and Mortality—Clearing the Air (Editorial). *The New England Journal of Medicine*, 343:1798–1799, 2000.
- [398] Huber R. Warner, Robert N. Butler, Richard L. Sprott, and Edward L. Schneider, editors. *Modern Biological Theories of Aging*. Aging 31. Raven Press, New York, NY, 1987.
- [399] Susan Cotts Watkins and Etienne van de Walle. Nutrition, Mortality, and Population Size: Malthus’ Court of Last Resort. *Journal of Interdisciplinary History*, 14:205–226, 1983.
- [400] Harald Westergaard. Mortality in Remote Corners of the World. *Journal of the Statistical Society of London*, 43:509–520, 1880.
- [401] Christine D. White. Isotopic Determination of Seasonality in Diet and Death from Nubian Mummy Hair. *Journal of Archaeological Science*, 20:657–666, 1993.
- [402] Kevin M. White. Cardiovascular and Tuberculosis Mortality: The Contrasting Effects of Changes in Two Causes of Death. *Population and Development Review*, 25:289–302, 1999.
- [403] Michael J. White. Segregation and Diversity Measures in Population Distribution. *Population Index*, 52:198–221, 1986.
- [404] Paul Wilkinson, Megan Landon, Ben Armstrong, Simon Stevenson, Sam Pattenden, Martin McKee, and Tony Fletcher. *Cold comfort. The social and environmental determinants of excess winter death in England, 1986–96*. Policy Press, Bristol, UK, 2001.
- [405] Paul Wilkinson, Sam Pattenden, Ben Armstrong, Astrid Fletcher, R Sari Kovats, Punam Mangtani, and Anthony J McMichael. Vulnerability to winter mortality in elderly people in Britain: population based study. *British Medical Journal*, 329:647–650, 2004.
- [406] J. Dennis Willigan and Katherine A. Lynch. *Sources and Methods of Historical Demography*. Academic Press, New York, NY, 1982.
- [407] John R. Wilmoth. Preliminary Results on Seasonal Mortality in Sweden. Presentation given at the workshop “Seasonality in Mortality”, Duke University, NC, 07–08 March 2002, 2002.

- [408] Ursula Wittwer-Backofen. Personal Communications, 2002.
- [409] Ursula Wittwer-Backofen and Helene Buba. Age estimation by tooth cementum annulation. In Robert D. Hoppa and James W. Vaupel, editors, *Paleodemography. age distributions from skeletal samples*, pages 107–128. Cambridge University Press, Cambridge, UK, 2002.
- [410] Ursula Wittwer-Backofen, Jutta Gampe, and James W. Vaupel. Tooth cementum annulation for age estimation: Results from a large known-age validation study. *American Journal of Physical Anthropology*, 123:119–129, 2004.
- [411] Peter Woodhouse and Kay-Tee Khaw. Seasonal variation of risk factors for cardiovascular disease and diet in older adults. *International Journal of Circumpolar Health*, 59(3–4):204–209, 2000.
- [412] Peter R. Woodhouse, Kay-Tee Khaw, and Martyn Plummer. Seasonal variation of blood pressure and its relationship to ambient temperature in an elderly population. *Journal of Hypertension*, 11:1267–1274, 1993.
- [413] Peter R. Woodhouse, Kay-Tee Khaw, and Martyn Plummer. Seasonal Variation of Serum Lipids in an Elderly Population. *Age and Ageing*, 22:273–278, 1993.
- [414] Mark Woodward. *Epidemiology. Study Design and Data Analysis*. Chapman and Hall / CRC, Boca Raton, FL, 1999.
- [415] E.A. Wrigley, R.S. Davies, J.E. Oeppen, and R.S. Schofield. *English population history from family reconstitution 1580–1837*. Cambridge University Press, Cambridge, UK, cambridge studies in population, economy and society in past time 32 edition, 1997.
- [416] E.A. Wrigley and R.S. Schofield. *The Population History of England, 1541–1871*. Cambridge University Press, Cambridge, UK, 1989.
- [417] Robert Yaffee. *Time Series Analysis and Forecasting with Applications of SAS and SPSS*. Academic Press, San Diego, CA, 2000.
- [418] Kazuo Yamaguchi. *Event history analysis*, volume 28 of *Applied social research methods series*. SAGE Publications, Newbury Park, CA, 1991.
- [419] Yuk Yee Yan. The influence of weather on human mortality in Hong Kong. *Social Science and Medicine*, 50:419–427, 2000.
- [420] Chung-Jen Yen, Chia-Lun Chao, Fung-Chang Sung, Wen-Jone Chen, Chiau-Suong Liao, and Yuan-The Lee. Seasonal effects on cardiovascular mortality in older patients. *Age & Ageing*, 29:186–187, 2000.
- [421] Shoshona Zevin, Sandra Saunders, Steven Gourlay, Peyton Jacob III, and Neal Benowitz. Cardiovascular Effects of Carbon Monoxide and Cigarette Smoking. *Journal of the American College of Cardiology*, 38:1633–1638, 2001.