Bibliography

- Abu-Mostafa, Y. 1992. "A Method for Learning from Hints." In Advances in Neural Information Processings Systems 5, ed. S. J. Hanson, Jack D. Cowan, and C. Lee Giles, pp. 73–80. San Mateo, CA: Morgan Kaufmann Publishers.
- Aitchison, J. 1986. The Statistical Analysis of Compositional Data. London: Chapman and Hall.
- Alho, J. M. 1992. "Comment on 'Modeling and Forecasting U.S. Mortality' by R. Lee and L. Carter." *Journal of the American Statistical Association* 87(419, September):673–674.
- Armstrong, J. Scott. 2001. "Extrapolation of Time Series and Cross-Sectional Data." In *Principles of Forecasting: A Handbook for Researchers and Practitioners*, ed. J. Scott Armstrong, pp. 217–243. Norwell, MA: Kluwer Academic Publishers.
- Beck, Nathaniel, and Jonathan Katz. 1995. "What to Do (and Not to Do) with Time-Series-Cross-Section Data." *American Political Science Review* 89:634–647.
- Beck, Nathaniel, and Jonathan Katz. 1996. "Nuisance vs. Substance: Specifying and Estimating Time-Series-Cross-Section Model." *Political Analysis* 6:1–36.
- Beck, Nathaniel, Jonathan Katz, and Richard Tucker. 1998. "Taking Time Seriously: Time-Series-Cross-Section Analysis with a Binary Dependent Variable." *American Political Science Review* 42:1260–1288.
- Bedrick, Edward J., Ronald Christensen, and Wesley Johnson. 1996. "A New Perspective on Priors for Generalized Linear Models." *Journal of the American Statistical Association* 91(436):1450–1460.
- Bell, W. R. 1997. "Comparing and Assessing Time Series Methods for Forecasting Age-Specific Fertility and Mortality Rates." *Journal of Official Statistics* 13(3):279–303.
- Bell, W. R., and B. C. Monsell. 1991. "Using Principal Components in Time Series Modeling and Forecasting of Age-Specific Mortality Rates." *Proceedings of the American Statistical Association, Social Statistics Section*, pp. 154–159.
- Beltrami, E. 1873. "Sulle funzioni bilineari." Giornale di Matematiche ad Uso degli Studenti Delle Universitá 11:98–106. An English translation by D. Boley is available as University of Minnesota, Department of Computer Science, Technical Report 90–37, 1990.
- Berger, James. 1994. "An Overview of Robust Bayesian Analysis (with Discussion)." *Test* 3:5–124.
- Besag, Julian. 1974. "Spatial Interaction and the Statistical Analysis of Lattice Systems (with Discussion)." *Journal of the Royal Statistical Society, B* 36:192–236.
- Besag, Julian. 1975. "Statistical Analysis of Non-Lattice Data." Statistician 24(3):179-195.
- Besag, Julian. 1986. "On the Statistical Analysis of Dirty Pictures." *Journal of the Royal Statistical Society, B* 48(3):259–302.
- Besag, Julian, and David M. Higdon. 1999. "Bayesian Analysis of Agricultural Field Experiments (with Discussion)." *Journal of the Royal Statistical Society, B* 61(4):691–746.
- Besag, Julian, and Charles Kooperberg. 1995. "On Conditional and Intrinsic Autoregressions." *Biometrika* 82(4):733–746.
- Biggs, N. L. 1993. Algebraic Graph Theory. 2nd ed. Cambridge: Cambridge University Press.Bishop, Christopher M. 1995. Neural Networks for Pattern Recognition. Oxford: Oxford University Press.
- Bishop, Y.M.M., S. E. Fienberg, and P. W. Holland. 1975. *Multivariate Analysis: Theory and Practice*. Cambridge, MA: MIT Press.

252 · BIBLIOGRAPHY

- Blattberg, R. C., and E. I. George. 1991. "Shrinkage Estimation of Price and Promotional Elasticities: Seemingly Unrelated Equations." *Journal of the American Statistical Association* 86(414, June):304–315.
- Booth, Heather, John Maindonald, and Len Smith. 2002. "Applying Lee-Carter under Conditions of Variable Mortality Decline." *Population Studies* 56(3):325–336.
- Bozik, J. E., and W. R. Bell. 1987. "Forecasting Age Specific Fertility Using Principal Components." *Proceedings of the Americal Statistical Association, Social Statistics Section*, pp. 396–401.
- Cameron, A. C., and P. K. Trivedi. 1998. Regression Analysis of Count Data. Cambridge: Cambridge University Press.
- Carlin, Bardley P., and Thomas A. Louis. 2000. *Bayes and Empirical Bayes Methods for Data Analysis*. 2nd ed. Boca Raton, FL: CRC Press.
- Clements, M. P., and D. F. Hendry. 1998. *Forecasting Economic Time Series*. Cambridge: Cambridge University Press.
- Clogg, Clifford C., Donald B. Rubin, Nathaniel Schenker, Bradley Schultz, and Lynn Weidman. 1991. "Multiple Imputation of Industry and Occupation Codes in Census Public-Use Samples Using Bayesian Logistic Regression." *Journal of the American Statistical Association* 86(413, March):68–78.
- Coale, Ansley J., and Paul Demeny. 1966. Regional Model Life Tables and Stable Populations. Princeton: Princeton University Press.
- Collier, David, and James E. Mahon Jr. 1993. "Conceptual 'Stretching' Revisited: Adapting Categories in Comparative Analysis." *American Political Science Review* 87(4, December):845–855.
- Dawid, A. P. 1983. "Invariant Prior Distributions." In *Encyclopedia of Statistical Sciences*, ed. S. Kotz, S. Johnson, and C. B. Read, 4, 228–236. New York: Wiley-Interscience.
- de Boor, C. 1978. A Practical Guide to Splines. New York: Springer-Verlag.
- Edwards, A.W.F. 1972. Likelihood. New York: Cambridge University Press.
- Efron, B. 1979. "Bootstrap Methods: Another Look at the Jackknife." *Annals of Statistics* 7:1–26.
- Efron, B. 1982. The Jacknife, the Bootstrap, and Other Resampling Plans. Philadelphia: SIAM.
- Efron, B. 2001. "[Statistical Modeling: The Two Cultures]: Comment." *Statistical Science* 16(3, August):218–219.
- Efron, B., and R. Tibshirani. 1993. An Introduction to the Bootstrap. London: Chapman and Hall. Eubank, R. L. 1988. Spline Smoothing and Nonparametric Regression. Statistics, Textbooks and Monographs, vol. 90. Basel: Marcel Dekker.
- Gakidou, Emmanuela, and Gary King. 2006. "Death by Survey: Estimating Adult Mortality without Selection Bias from Sibling Survival Data from Sibling Survival Data." *Demography* 43(3, August):569–585. http://gking.harvard.edu/files/abs/deathbys-abs.shtml.
- Gelfand, A. E. and A.F.M. Smith. 1990. "Sampling-based Approach to Calculating Marginal Densities." *Journal of the American Statistical Association* 85:398–409.
- Gelman, Andrew. 2006. "Prior Distributions for Variance Parameters in Hierarchical Models." *Bayesian Analysis* 1(3):515–533.
- Gelman, Andrew, J. B. Carlin, H. S. Stern, and D. B. Rubin. 2003. *Bayesian Data Analysis*. 2nd ed. Boca Raton, FL: Chapman and Hall.
- Gelman, Andrew, and Jennifer Hill. 2007. *Data Analysis Using Regression and Multilevel/Hierarchical Models*. New York: Cambridge University Press.
- Gelman, Andrew, Gary King, and Chuanhai Liu. 1999. "Not Asked and Not Answered: Multiple Imputation for Multiple Surveys." *Journal of the American Statistical Association* 93(433, September):846–857. http://gking.harvard.edu/files/abs/not-abs.shtml.
- Geman, Stuart, and Donald Geman. 1984. "Stochastic Relaxation, Gibbs Distributions, and the Bayesian Restoration of Images." *I.E.E.E. Transactions: Pattern Analysis and Machine Intelligence* 6:721–741.

- Gilks, W. R., S. Richardson, and D. J. Spiegelhalter, eds. 1996. *Markov Chain Monte Carlo in Practice*. London: Chapman and Hall.
- Gill, Jeff. 2002. Bayesian Methods for the Social and Behavioral Sciences. London: Chapman and Hall.
- Girosi, Federico. 1991. "Models of Noise and Robust Estimates." A.I. Memo 1287, Artificial Intelligence Laboratory, Massachusetts Institute of Technology. ftp://publications.ai.mit.edu/ai-publications/pdf/AIM-1287.pdf.
- Girosi, Federico, and Gary King. 2006. "Cause of Death Data." http://id.thedata.org/hdl%3A1902.1 UNF:3:9JU+SmVyHgwRhAKclQ85Cg== Murray Research Archive [Distributor].
- ———. 2007. "Understanding the Lee-Carter Mortality Forecasting Method." http://gking.harvard.edu/files/abs/lc-abs.shtml.
- Golub, G., M. Heath, and G. Wahba. 1979. "Generalized Cross Validation as a Method for Choosing a Good Ridge Parameter." *Technometrics* 21:215–224.
- Gompertz, B. 1825. "On the Nature of the Function Expressive of the Law of Mortality." Philosophical Transactions 27:513–585.
- Goodman, Leo. 1953. "Ecological Regressions and the Behavior of Individuals." *American Sociological Review* 18:663–666.
- Goss, Stephen C., Alice Wade, Felicitie Bell, and Bernard Dussault. 1998. "Historical and Projected Mortality for Mexico, Canada, and the United States." North American Actuarial Journal 4(2):108–126.
- Government's Actuary Department. 2001. *National Population Projections: Review of Methodology for Projecting Mortality*. London: National Statistics Direct, UK. http://www.statistics.gov.uk/.
- Graunt, John. 1662. Natural and Political Observations Mentioned in a Following Index, and Made upon the Bills of Mortality. London: John Martyn and James Allestry.
- Greenland, Sander. 2001. "Putting Background Information about Relative Risks into Conjugate Prior Distributions." *Biometrics* 57(September):663–670.
- Greenland, Sander, and Ronald Christensen. 2001. "Data Augmentation Priors for Bayesian and Semi-Bayes Analyses of Conditional-Logistic and Proportional-Hazards Regression." Statistics in Medicine 20:2421–2428.
- Griffiths, W. E., R. Carter Hill, and C. J. O'Donnell. 2001. "Including Prior Information in Probit Model Estimation." Working Papers 816, Department of Economics University of Melbourne.
- Gutterman, Sam, and Irwin T. Vanderhoof. 1998. "Forecasting Changes in Mortality: A Search for a Law of Causes and Effects." *North American Actuarial Journal* 4(2):135–138.
- Haberland, J., and K. E. Bergmann. 1995. "The Lee-Carter Model of the Prognosis of Mortality in Germany." [In German.] *Gesundheitswesen* 57(10, October):674–679.
- Hand, David J. 2006. "Classifier Technology and the Illusion of Progress." *Statistical Science* 21(1):1–14.
- Hastie, Trevor, R. Tibshirani, and J. Friedman. 2001. *The Elements of Statistical Learning*. New York: Springer-Verlag.
- Heligman, L., and J. H. Pollard. 1980. "The Age Pattern of Mortality." *Journal of the Institute of Acturaries* 107:49–80.
- Henderson, R. 1924. "A New Method of Graduation." Transaction of the Actuarial Society of America 119:457–526.
- Ibrahim, Joseph G., and Ming-Hui Chen. 1997. "Predictive Variable Selection for the Multivariate Linear Model." *Biometrics* 53(June):465–478.
- Iversen, Edwin S., Jr. 2001. "Spatially Disaggregated Real Estate Indices." *Journal of Business & Economic Statistics* 19(3, July):341–357.
- Jee, Sun Ha, Il Soon Kim, Il Suh, Dongchun Shin, and Lawrence J. Appel. 1998. "Projected Mortality from Lung Cancer in South Korea, 1980-2004." *International Journal of Epidemiology* 27:365–369.
- Jeffreys, H. [1939] 1961. Theory of Probability. 3rd ed. Oxford: Clarendon Press.

254 **BIBLIOGRAPHY**

- Jefferys, William H., Thomas G. Barnes, Raquel Rodrigues, James O. Berger, and Peter Müller. 2001. "Model Selection for Cepheid Star Oscillations." In Bayesian Methods, with Applications to Science, Policy, and Official Statistics, ed. E. George and P. Nanopoulos, pp. 252-253. Luxembourg: Official Publications of the European Communities.
- Jordan, C. 1874. "Mémoire sur les formes bilinéaires." Comptes Rendus de l' Académie des Sciences, Paris 78:614-617.
- Kadane, Joseph B. 1980. "Predictive and Structural Methods for Eliciting Prior Distributions." In Bayesian Analysis in Econometrics and Statistics, ed. Arnold Zellner, pp. 89–93. Amsterdam:
- Kadane, Joseph B., James M. Dickey, Robert L. Winkler, Wayne S. Smith, and Stephen C. Peters. 1980. "Interactive Elicitation of Opinion for a Normal Linear Model." Journal of the American Statistical Association 75(372, December):845–854.
- Kass, Robert E., and Larry Wasserman. 1996. "The Selection of Prior Distributions by Formal Rules." Journal of the American Statistical Association 91(435, September):1343–1370.
- Katz, Jonathan, and Gary King. 1999. "A Statistical Model for Multiparty Electoral Data." American Political Science Review 93(1, March):15-32. http://gking.harvard.edu/files/ abs/multiparty-abs.shtml.
- Keyfitz, N. 1968. Introduction to the Mathematics of Population. Reading, MA: Addison Wesley.
- Keyfitz, N. 1982. "Choice of Function for Mortality Analysis: Effective Forecasting Depends on a Minimum Parameter Representation." Theoretical Population Biology 21:239–252.
- Kimeldorf, G. S., and G. Wahba. 1970. "A Correspondence between Bayesian Estimation on Stochastic Processes and Smoothing by Splines." Annals of Mathematical Statistics 41(2):495–502.
- King, Gary. 1988. "Statistical Models for Political Science Event Counts: Bias in Conventional Procedures and Evidence for the Exponential Poisson Regression Model." American Journal of Political Science 32(3, August):838-863. http://gking.harvard.edu/files/abs/epr-abs.shtml.
- King, Gary. 1989a. "Representation through Legislative Redistricting: A Stochastic Model." American Journal of Political Science 33(4, November):787–824. http://gking.harvard.edu/files/abs/repstoch-abs.shtml.
- King, Gary. 1989b. Unifying Political Methodology: The Likelihood Theory of Statistical Inference. Ann Arbor: University of Michigan Press.
- King, Gary. 1995. "Replication, Replication." PS: Political Science and Politics 28(3, September):443–499. http://gking.harvard.edu/files/abs/replication-abs.shtml.
- King, Gary, 1997. A Solution to the Ecological Inference Problem: Reconstructing Individual Behavior from Aggregate Data. Princeton: Princeton University Press. http://gking.harvard.edu/ eicamera/kinroot.html.
- King, Gary, Robert O. Keohane, and Sidney Verba. 1994. Designing Social Inquiry: Scientific Inference in Qualitative Research. Princeton: Princeton University Press. http://www.pupress.princeton.edu/titles/5458.html.
- King, Gary, and Ying Lu. 2008. "Verbal Autopsy Methods with Multiple Causes of Death." Statistical Science. Forthcoming, http://gking.harvard.edu/files/abs/vamc-abs.shtml.
- King, Gary, and Curtis S. Signorino. 1996. "The Generalization in the Generalized Event Count Model." Political Analysis 6:225-252. http://gking.harvard.edu/files/abs/generaliz-abs.shtml.
- King, Gary, and Langche Zeng. 2002. "Estimating Risk and Rate Levels, Ratios, and Differences in Case-Control Studies." Statistics in Medicine 21:1409–1427. http://gking.harvard.edu/files/abs/1s-abs.shtml.
- King, Gary, and Langche Zeng. 2006. "The Dangers of Extreme Counterfactuals." Political Analysis 14(2):131–159. http://gking.harvard.edu/files/abs/counterftabs.shtml.
- . 2007. "When Can History Be Our Guide? The Pitfalls of Counterfactual Inference." International Studies Quarterly 14 (March):183–210. http://gking.harvard.edu/files/abs/ counterf-abs.shtml.

- Künsch, Hans R. 1987. "Intrinsic Autoregressions and Related Models on the Two-Dimensional Lattice." *Biometrika* 74(3):517–524.
- LaPalombara, Joseph. 1968. "Macrotheories and Microapplications in Comparative Politics: A Widening Chasm." Comparative Politics1 (October):52–78.
- Laplace, P. S. [1820] 1951. Philosophical Essays on Probabilities. New York: Dover.
- Laud, Purushottam W., and Joseph G. Ibrahim. 1995. "Predictive Model Selection." Journal of the Royal Statistical Society, B 57(1):247–262.
- Laud, Purushottam W., and Joseph G. Ibrahim. 1996. "Predictive Specification of Prior Model Probabilities in Variable Selection." *Biometrika* 83(2):267–274.
- Ledermann, S., and J. Breas. 1959. "Les dimensions de la mortalité." Population 14:637-682.
- Lee, Ronald D. 1993. "Modeling and Forecasting the Time Series of US Fertility: Age Patterns, Range, and Ultimate Level." *International Journal of Forecasting* 9:187–202.
- Lee, Ronald D. 2000a. "The Lee-Carter Method for Forecasting Mortality, with Various Extensions and Applications." *North American Actuarial Journal* 4(1):80–93.
- Lee, Ronald D. 2000b. "Long-Term Projections and the US Social Security System." *Population and Development Review* 26(1, March):137–143.
- Lee, Ronald D., and Lawrence R. Carter. 1992. "Modeling and Forecasting U.S. Mortality." *Journal of the American Statistical Association* 87(419, September): 659–671.
- Lee, Ronald D., Lawrence Carter, and S. Tuljapurkar. 1995. "Disaggregation in Population Forecasting: Do We Need It? And How to Do It Simply." *Mathematical Population Studies* 5(3, July):217–234.
- Lee, Ronald D., and Timothy Miller. 2001. "Evaluating the Performance of the Lee-Carter Approach to Modeling and Forecasting Mortality." *Demography* 38(4, November):537–549.
- Lee, Ronald D., and R. Rofman. 1994. "Modeling and Projecting Mortality in Chile." *Notas Poblacion* 22(59, June):183–213.
- Lee, Ronald D., and S. Tuljapurkar. 1994. "Stochastic Population Projections for the U.S.: Beyond High, Medium and Low." *Journal of the American Statistical Association* 89(428, December):1175–1189.
- Lee, Ronald D., and S. Tuljapurkar. 1998a. "Stochastic Forecasts for Social Security." In *Frontiers in the Economics of Aging*, ed. David Wise, pp. 393–420. Chicago: University of Chicago Press.
- Lee, Ronald D., and S. Tuljapurkar. 1998b. "Uncertain Demographic Futures and Social Security Finances." *American Economic Review: Papers and Proceedings* 88 (2, May): 237–241.
- Leonard, T., and J.S.J. Hsu. 1999. Bayesian Methods. Cambridge: Cambridge University Press.
- Li, S. Z. 1995. Markov Random Field Modeling in Computer Vision. London: Springer-Verlag.
- Lilienfeld, David E., and Daniel P. Perl. 1994. "Projected Neurodegenerative Disease Mortality among Minorities in the United States." *Neuroepidemiology* 13:179–186.
- Macridis, Roy C. 1955. The Study of Comparative Government. New York: Doubleday.
- Marshall, R. J. 1991. "Mapping Disease and Mortality Rates Using Empirical Bayes Estimators." Applied Statistics 40(2):283–294.
- McNown, Robert. 1992. "Comment." *Journal of the American Statistical Association* 87(419):671–672.
- McNown, Rober, and Andrei Rogers. 1989. "Forecasting Mortality: A Parameterized Time Series Approach." *Demography* 26(4):645–660.
- McNown, Robert, and Andrei Rogers. 1992. "Forecasting Cause-Specific Mortality Using Time Series Methods." *International Journal of Forecasting* 8:413–432.
- Morozov, V. A. 1984. Methods for Solving Incorrectly Posed Problems. Berlin: Springer-Verlag.
- Murray, Christopher L. J., and Alan D. Lopez, eds. 1996. *The Global Burden of Disease*. Cambridge, Mass.: Harvard University Press and WHO.
- Murray, Christopher J. L., Gary King, Alan D. Lopez, Niels Tomijima, and Etienne Krug. 2002. "Armed Conflict as a Public Health Problem." *BMJ (British Medical Journal)* 324(February 9):346–349. http://gking.harvard.edu/files/abs/armedph-abs.shtml.

256 · BIBLIOGRAPHY

- NIPSSR. 2002. *Population Projections for Japan (January, 2002)*. Tokyo: National Institute of Population and Social Security Research.
- Niyogi, P., F. Girosi, and T. Poggio. 1998. "Incorporating Prior Information in Machine Learning by Creating Virtual Examples." *Proceedings of the IEEE*. 86(11):2196–2209.
- O'Hagan, A., E. G. Woodward, and L. C. Moodaley. 1990. "Practical Bayesian Analysis of a Simple Logistic Regression: Predicting Corneal Transplants." *Statistics in Medicine* 9:1091–1101.
- Oman, Samuel D. 1985. "Specifying a Prior Distribution in Structured Regression Problems." *Journal of the American Statistical Association* 80(389, March):190–195.
- Plackett, R. L. 1981. The Analysis of Categorical Data. London: Griffin.
- Press, William H., Saul Teukolsky, William T. Vetterling, and Brian P. Flannery. 1987. *Numerical Recipes: The Art of Scientific Computing*. Cambridge: Cambridge University Press.
- Preston, Samuel H. 1991. "Demographic Change in the United States, 1970–2050." In *Forecasting the Health of Elderly Populations*, ed. K. G. Manton, B. H. Singer, and R. M. Suzman, pp. 51–77. New York: Springer-Verlag.
- Preston, Samuel H., Patrick Heuveline, and Michel Guillot. 2001. *Demography: Measuring and Modeling Population Processes*. Oxford: Blackwell.
- R Development Core Team. 2007. *R: A Language and Environment for Statistical Computing*. Vienna: R Foundation for Statistical Computing. http://www.R-project.org.
- Rogers, Andrei. 1986a. "Parameterized Multistate Population Dynamics and Projections." *Journal of the American Statistical Association* 81(393, March):48–61.
- Rogers, Andrei, and James Raymer. 1999. "Fitting Observed Demographic Rates with the Multiexponential Model Schedule: An Assessment of Two Estimation Programs." *Applied Regional Science Conference* 11(1):1–10.
- Salomon, Joshua A., Milton C. Weinstein, James K. Hammitt, and Sue J. Goldie. 2002. "Empirically Calibrated Model of Hepatitis C Virus Infection in the United States." *American Journal of Epidemiology* 156:761–773.
- Sartori, Giovanni. 1970. "Concept Misformation in Comparative Politics." *American Political Science Review* 64(4, December):1033–1053.
- Schoenberg, I. J. 1946. "Contributions to the Problem of Approximation of Equidistant Data by Analytic Functions, Part A: On the Problem of Smoothing of Graduation, a First Class of Analytic Approximation Formulae." *Quarterly of Applied Mathematics* 4:45–99.
- Schumaker, L. L. 1981. Spline functions: Basic Theory. New York: John Wiley and Sons. Sivamurthy, M. 1987. "Principal Components Representation of ASFR: Model of Fertility Estimation and Projection." In CDC Research Monograph. pp. 655–693. Cairo: Cairo Demographic Center.
- Speckman, P., and D. Sun. 2001. "Bayesian Nonparametric Regression and Autoregression Priors." www.stat.missouri.edu/~speckman/report/bnpreg.ps.
- Stewart, G. W. 1992. "On the Early History of the Singular Value Decomposition." Institute for Advanced Computer Studies TR-92-31. University of Maryland, College Park.
- Stimson, James A. 1985. "Regression Models in Space and Time: A Statistical Essay." *American Journal of Political Science* 29(November):914–947.
- Strang, G. 1988. Linear Algebra and Its Applications. Saunders. 3rd ed. San Diego: Harcourt Brace Jovanovich.
- Sun, D., R. Tsutakawa, H. Kim, and Z. He. 2000. "Spatio-Temporal Interaction with Disease Mapping." *Statistics in Medicine* 19:2015–2035.
- Tabeau, Ewa. 2001. "A Review of Demographic Forecasting Models for Mortality." In *Forecasting Mortality in Developed Countries*, ed. Anneke van de Berg Jeths Ewa Tabeau, and Christopher Heathcoate. pp. 1–32. Dordrecht: Kluwer Academic Publishers.
- Tanner, Martin A. 1996. Tools for Statistical Inference: Methods for the Exploration of Posterior Distributions and Likelihood Functions. New York: Springer-Verlag.
- Taylor, G. 1992. "A Bayesian Interpretation of Whittaker-Henderson Graduation." *Insurance: Mathematics and Economics* 11:7–16.

- Tikhonov, A. N. 1963. "Solution of Incorrectly Formulated Problems and the Regularization Method." Soviet Mathematics Doklady 4:1035–1038.
- Tikhonov, A. N., and V. Y. Arsenin. 1977. *Solutions of Ill-Posed Problems*. Washington, DC: W. H. Winston.
- Tsutakawa, Robert K. 1992. "Prior Distribution for Item Response Curves." *British Journal of Mathematical and Statistical Psychology* 45:51–74.
- Tsutakawa, Robert K., and Hsin Ying Lin. 1986. "Bayesian Estimation of Item Response Curves." *Psychometrika* 51(2, June):251–267.
- Tuljapurkar, S., and C. Boe. 1998. "Mortality Change and Forecasting: How Much and How Little Do We Know?" *North American Actuarial Journal* 2(4):13–47.
- Tuljapurkar, S., N. Li, and C. Boe. 2000. "A Universal Pattern of Mortality Decline in the G7 Countries." *Nature* 405(June):789–792.
- Vapnik, Vladimir N. 1998. Statistical Learning Theory. New York: Wiley.
- Verdecchia, Arduino, Giovanni De Angelis, and Riccardo Capocaccia. 2002. "Estimation and Projections of Cancer Prevalence from Cancer Registry Data." Statistics in Medicine 21:3511–3526.
- Verrall, R. J. 1993. "A State Space Formulation of Whittaker Graduation, with Extensions." Insurance: Mathematics and Economics 13:7–14.
- Wahba, G. 1975. "Smoothing Noisy Data by Spline Functions." *Numerische Mathematik* 24:383–393.
- Wahba, G. 1978. "Improper Priors, Spline Smoothing and the Problem of Guarding against Model Errors in Regression." *Journal of the Royal Statistical Society B* 40(3):364–372.
- Wahba, G. 1980. "Spline Bases, Regularization, and Generalized Cross-validation for Solving Approximation Problems with Large Quantities of Noisy Data." In *Approximation theory III*, ed. W. Cheney, pp. 905–912. New York: Academic Press.
- Wahba, G. 1990. Splines Models for Observational Data. Series in Applied Mathematics, vol. 59. Philadelphia: SIAM.
- Waller, L. A., B. P. Carlin, H. Xia, and A. E. Gelfand. 1997. "Hierarchical Spatio-Temporal Mapping of Disease Rates." *Journal of the American Statistical Association* 92(438):607–617.
- Weinstein, Milton C., Pamela G. Coxson, Lawrence W. Williams, Theodore M. Pass, William B. Stason, and Lee Goldman. 1987. "Forecasting Coronary Heart Disease Incidence, Mortality, and Cost: The Coronary Heart Disease Policy Model." *American Journal of Public Health* 77(11):1417–1426.
- Weiss, Robert E., Yan Wang, and Joseph G. Ibrahim. 1997. "Predictive Model Selection for Repeated Measures Random Effects Models Using Bayes Factors." *Biometrics* 53(June):592–602.
- West, Mike, P. Jeff Harrison, and Helio S. Migon. 1985. "Dynamic Generalized Linear Models and Bayesian Forecasting." *Journal of the American Statistical Association* 80(389, March):73–83.
- Western, Bruce. 1998. "Causal Heterogeneity in Comparative Research: A Bayesian Hierarchical Modelling Approach." *American Journal of Political Science* 42(4, October):1233–1259.
- Whittaker E. T. 1923. "On a New Method of Graduation." *Proceedings of the Edinburgh Mathematical Society* 41:63–75.
- Wilmoth, John R. 1993. "Computational Methods for Fitting and Extrapolating the Lee-Carter Model of Mortality Change." Technical report Department of Demography, University of California, Berkeley.
- Wilmoth, John R. 1996. "Mortality Projections for Japan: A Comparison of Four Methods." In *Health and Mortality among Elderly Populations*, ed. G. Caselli and Alan Lopez, pp. 266–287. ed. Oxford: Oxford University Press.
- Zellner, A. 1962. "An Efficient Method of Estimating Seemingly Unrelated Regressions and Tests for Aggregation Bias." *Journal of the American Statistical Association* 57(298, June):348–368.
- Zorn, Christopher. 2001. "Generalized Estimating Equation Models for Correlated Data: A Review with Applications." *American Journal of Political Science* 45(April):470–490.