Alzola, C.F. and Harrell, F.E. (1999). An introduction to S-Plus and the Hmisc and Design Libraries. Online publication, http://hesweb1.med.virginia.edu/biostat/s/index.html.

Atrostic, B. K. (1994). A multiple imputation approach to microsimulation. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 529-534.

Barnard, J. (1995). *Cross-Match Procedures for Multiple-Imputation Inference: Bayesian Theory and Frequentist Evaluation*. Ph.D. Thesis, Department of Statistics, University of Chicago.

Barnard, J., Rubin, D.B. and Schenker, N. (1998). Multiple imputation methods. In: P. Armitage and T. Colton (Eds.), *Encyclopedia of Biostatistics* (pp. 2772-2780). New York: Wiley.

Barnard, J. and Rubin, D.B. (1999). Small sample degrees of freedom with multiple imputation. *Biometrika*, 86, 948-955.

Barnard, J. and Meng, X.L. (1999). Applications of multiple imputation in medical studies: from AIDS to NHANES. *Statistical Methods in Medical Research*, *8*, 17-36.

Bebchuk, D. and Betensky, R.A. (2000). Multiple imputation for simple estimation of the hazard function based on interval censored data. *Statistics in Medicine*, *19*, 405-419.

Belin, T.R. and Rubin, D.B. (1990). Calibration of Errors in Computer Matching for Census Undercount (with discussion). *Proceedings of the Government Statistics Section of the American Statistical Association*, 124-131.

Belin, T.R., Diffendal, G.J., Mack, S., Rubin, D.B., Schafer, J.L. and Zaslavsky, A.M. (1993). Hierarchical Logistic Regression Models for Imputation of Unresolved Enumeration Status in Undercount Estimation. (With discussion). *Journal of the American Statistical Association*, 88, 1149-1166.

Belin, T.R., Hu, M-Y, Young, A.S., Grusky, O. (1999). Performance of a general location model with an ignorable missing-data assumption in a multivariate mental health study. *Statistics in Medicine*, 18, 3123-3235.

Bernaards, C.A. (1999). SOLAS for missing data analysis. Software review. *Structural Equation Modeling*, 6, 301-304.

Betensky, R.A. (1998). Multiple imputation for early stopping of a complex clinical trial. *Biometrics*, 54, 229-242.

Betensky, R.A., Tierney, C. (1997). An examination of methods for sample size recalculation during an experiment. *Statistics in Medicine*, *16*, 2587-2598.

Binder, D.A. and Sun, W. (1996). Frequency valid multiple imputation for surveys with a complex design. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 281-286.

Bloxom, B., Pashley, P.J., Nicewander, W.A., and Yan, D. (1995). Linking to a Large-Scale Assessment: An Empirical Evaluation. *Journal of Educational and Behavioral Statistics*, 20, 1, 1-26.

Boshuizen, H.C., Izaks, G.J., van Buuren, S. and Ligthart, G.J. (1995). *Bloeddruk en Sterfte Bij Hoogbejaarden*. TNO-rapport 95.014, ISBN 90-6743-377-2.

Boshuizen HC, Izaks GJ, van Buuren S, Ligthart GJ. (1998). Blood pressure and mortality in community residents aged 85 and older. *British Medical Journal*, 316, 1780-1784.

Brancato, G., Pezzotti, P., Rapiti E., Perucci, C.A., Abeni, D., Babbalaccio, A., Rezza, G. and The Multicenter Prospective HIV Study (1997). Multiple imputation method for estimating incidence of HIV infection. *International Journal of Epidemiology*, 26, 1107-1114.

Brand, J.P.L. (1999). Development, Implementation and Evaluation of Multiple Imputation Strategies for the Statistical Analysis of Incomplete Data Sets. Ph.D. Thesis, Erasmus University Rotterdam. ISBN 90-74479-08-1.

Brand, J.P.L., van Buuren, S., van Mulligen, E.M., Timmers, T. and Gelsema, E. (1994). Multiple Imputation as a Missing Data Machine. In Ozbolt, J.G. (Ed.), *Proceedings of the Eighteenth Annual Symposium on Computer Applications in Medical Care (SCAMC)*, 303-307. Hanley and Belfus, Inc., Philadelphia, PA.

Brick, M. Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin). *Metrika*, *36*, 249-250.

Brownstone, D. (1991). *Multiple Imputations for Linear Regression Models*. University of California, Irvine, Institute for Mathematical Behavioral Sciences Working Paper MBS 91-37.

Brownstone, D. and Valletta, R. (1996). Modeling Earnings Measurement Error: A Multiple Imputations Approach. In press, *The Review of Economics and Statistics*.

Burns, E.M. (1989). Multiple imputation in a complex sample survey. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 233-238.

Burns, E.M. (1990). Multiple and Replicate Item Imputation in a Complex Sample Survey. *Proceedings of the Bureau of the Census Annual Research Conference*, 655-665.

Burns, E.M. (1991). *Multiple Imputation in the 1989 Commercial Buildings Energy Consumption Survey: Building Characteristics*. CBECS Technical Note 86, Department of Energy, Washington DC.

Burns, E.M. (1993). Assessment of Energy Use in Multibuilding Facilities. Report DOE/EIA-0555(93)/1, U.S. Department of Energy, Washington, DC.

Chand, N. and Alexander, C.H. (1994). Imputing Income For An N-Person Consumer Unit. *Bureau of the Census Paper Presented at the American Statistical Association Annual Meeting*, Toronto, Canada.

Chao, M.T. (1994). A Short Review of Recent Survey Methods for Nonresponse. *Journal of the Chinese Statistical Association*, 32, 2, 169-177.

Chen, R. and Liu, J.S. (1996). Predictive Updating Methods with Application to Bayesian Classification. *Journal of the Royal Statistical Society B*, *58*, 2.

Clayton, D, Dunn, G, Pickles, A. and Spiegelhalter, D. (1998). Analysis of longitudinal binary data from multiphase sampling (with discussion). *Journal of the Royal Statistical Society B*, 60, 71-87.

Clogg, C.C., Rubin, D.B., Schenker, N., Schultz, B. and Weidman, L. (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, 68-78.

Cook, N.R. (1997) An imputation method for non-ignorable missing data in studies of blood pressure. *Statistics in Medicine*, *16*, 2713-2728.

Dorey, F.J., Little, R.J.A. and Schenker, N. (1993). Multiple Imputation for Threshold-Crossing Data With Interval-Censoring. *Statistics in Medicine*, *12*, 1589-1603.

Dorinski, S.M. and Griffin, R. (1997). Accounting for variance due to imputation in the integrated coverage measurement survey. In *Proceedings of the Survey Research Methods Section of the American Statistical Association*, Alexandria, VA, pp. 748-753.

Crawford, S.L., Tennstedt, S.L., McKinlay, J.B. (1995) A comparison of analytic methods for non-random missingness of outcome data. *Journal of Clinical Epidemiology*, 48, 209-219.

Duncan, T.E., Duncan, C.D. and Li, F. (1998). A comparison of model- and multiple imputation based approaches to longitudinal analyses with partial missingness. *Structural Equations Modelling*, 5, 1-21.

Dunson, D.B. (1998). Dose-dependent number of implants and implications in developmental toxicity. *Biometrics*, *54*, 558-569.

Efron, B. (1994). Missing Data, Imputation, and the Bootstrap. *Journal of the American Statistical Association*, 89, 463-478, with Discussion by D.B. Rubin (475-8) and Rejoinder (478-9).

Efron, B. and Tibsharani, R. (1993). An Introduction to the Bootstrap. London: Chapman and Hall.

Eltinge, J.L., Yansaneh, I.S. and Paulin, G.D. (1994). *Assessment of Reported Differences Between Expenditures and Low Incomes in the U.S. Consumer Expenditure Survey*. Presented at the American Statistical Association Annual Meeting, Toronto, Canada.

Ezzati-Rice, T.M., Johnson, W., Khare, M., Little, R.J.A., Rubin, D.B. and Schafer, J.L. (1995). Multiple Imputations in NCHS Health Examination Surveys. *Proceedings of the Bureau of the Census Annual Research Conference*, 257-266.

Ezzati-Rice, T.M., Khare, M. and Schafer, J.L. (1993). *Multiple Imputation of Missing Data in NHANES III*. Presented at the American Statistical Association Annual Meeting, San Francisco, CA.

Fahimi, M. and Judkins, D. (1993). *Serial Imputation of NHANES III with Mixed Regression and Hot-Deck Techniques*. Presented at the American Statistical Association Annual Meeting, San Francisco, CA.

Fay, R.E. (1990). VPLX: Variance Estimation for Complex Surveys. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, Alexandria, VA, pp. 266-271.

Fay, R.E. (1991). A Design-Based Perspective on Missing Data Variance. *Proceedings of the 1991 Annual Research Conference*, Washington, DC: U.S. Bureau of the Census, 429-440.

Fay, R.E. (1992). When are Inferences from Multiple Imputation Valid? In *Proceedings of the Survey Research Methods Section of the American Statistical Association*, Alexandria, VA, 227-232.

Fay, R.E. (1993). Valid Inferences from Imputed Survey Data. In *Proceedings of the Survey Research Methods Section of the American Statistical Association*, Alexandria, VA, 41-48.

Fay, R.E. (1996). Alternative paradigms for the analysis of imputed survey data. *Journal of the American Statistical Association*, *91*, 490-498.

Folsom, R.E. (1993). Comment on "A potential application of single and multiple imputation techniques in a national health survey". *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 309-311.

Freedman, V.A. (1990). *Using SAS to Perform Multiple Imputation*. Discussion Paper Series (UI-PSC-6), The Urban Institute, Washington DC.

Freedman, V.A. and Wolf, D.A. (1991). *Imputation of Mother's Marital Status in National Survey of Families and Households*. Discussion Paper Series (UI-PSC-8), The Urban Institute, Washington, DC.

Freedman, V.A. and Wolf, D.A. (1995) A case study on the use of multiple imputation. *Demography*, 32, 459-70

Gao, S. (1999). Review of "Analysis of incomplete multivariate data" (Auth: J.L. Schafer). *Statistical Method in Medical Research*, 8, 88-89.

Gelfand, A.E. and Smith, A.F.M. (1990). Sampling-based Approaches to Calculating Marginal Densities. *Journal of the American Statistical Association*, 85, 398-409.

Gelfand, A.E. and Smith, A.F.M. (1992). Bayesian Statistics Without Tears: A Sampling-Resampling Perspective. *American Statistician*, 46, 84-88.

Gelman, A. and Rubin, D.B. (1992). Inference from Iterative Simulation Using Multiple Sequences (with discussion). *Statistical Science*, 7, 4, 457-472.

Gelman, A., Carlin, J., Stern, H. and Rubin, D.B. (1995). Bayesian Data Analysis, New York: Chapman and Hall.

Gelman, A., King, G. and Liu, C. (1998). Not asked and not answered: Multiple imputation for multiple surveys (with discussion). *Journal of the American Statistical Association*, *93*, 846-874.

Gladitz, J. (1989). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin) (in German). *Biometric Journal*, *31*, 131-132.

Glynn, R.J., Laird, N.M. and Rubin, D.B. (1986). Selection modeling versus mixture modeling with nonignorable nonresponse. With discussion. In W. Wainer (Ed.), *Drawing Inferences from Self-Selected Samples*, 115-151. New York: Springer-Verlag.

Glynn, R.J., Laird, N.M. and Rubin, D.B. (1993). The Performance of Mixture Models for Nonignorable Nonresponse with Follow Ups. *Journal of the American Statistical Association*, 88, 984-993.

Graham, J. W. & Hofer, S. M. (1993). *EMCOV.EXE User's Guide* [Computer program and manual]. Alhambra, CA: USC, Department of Prevention Research.

Graham, J.W., Hofer S.M., Piccinin A.M. (1994) Analysis with missing data in drug prevention research. In L.M. Collins & L.A. Seitz (Eds.), *Advances in Data Analysis for Prevention Intervention Research*, pp. 13-63. NIDA Research Monographs 142, Washington, D.C.: National Institute of Drug Abuse.

Graham, J.W., Hofer, S.M. and MacKinnon, D.P. (1996). Maximizing the usefullness of data obtained with planned missing value patterns: An application of maximum likelihood procedures. *Multivariate Behavioral Research*, *31*, 197-218.

Graham, J.W. and Schafer, J.L. (1997) On the performance of multiple imputation for multivariate data with small sample size. Submitted.

Graham, J.W., Hofer, S.M., Donaldson, S.I., Mackinnon, D.P. and Schafer, J.L. (1997). Analysis with missing data in prevention research. In K. Bryant, M. Windle and S. West (Eds.), The science of prevention: Methodological advances from alcohol and substance abuse research, 325-366. Washington, D.C.: American Psychological Association.

15-6-00: 14:22

Greenlees, J.S., Reece, W.S. and Zieschang, K.D. (1982). Imputation of missing values when the probability of response depends on the variable being imputed. *Journal of the American Statistical Association*, 77, 251-261.

Greenland, S. and Finkle, W.D. (1995). A critical look at methods for handling missing covariates in epidemiologic regression analyses. *American Journal of Epidemiology*, *124*, 1255-1264.

Hansen, M.H. (1987). A Conversation with Morris Hansen. (I. Olkin, interviewer). *Statistical Science*, 2, 162-179.

Hediger, M.L., Overpeck, M.D., McGlynn, A., Kuczmarski, R.J., Maurer, K.R., Davis, W.W. (1999). Growth and fatness at three to six years of age of children born small- or large-for-gestational age. *Pediatrics*, *104*, e33.

Heitjan, D.F. (1990). *Coping with Age Heaping and Digit Preference: A Multiple Imputation Approach*. Unpublished Paper, Center for Biostatistics and Epidemiology, Pennsylvania State University College of Medicine, Hershey, PA.

Heitjan, D.F. (1997). Annotation: what can be done about missing data? Approaches to imputation. *American Journal of Public Health*, 87, 548-550.

Heitjan, D.F. and Landis, J.R. (1994). Assessing Secular Trends in Blood Pressure: A Multiple-Imputation Approach. *Journal of the American Statistical Association*, 89, 750-759.

Heitjan, D.F. and Little, R.J.A. (1988). Multiple Imputation for the Fatal Accident Reporting System. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, Alexandria, VA, 93-102.

Heitjan, D.F. and Little, R.J.A. (1991). Multiple Imputation for the Fatal Accident Reporting System. *Applied Statistics*, 40, 13-29.

Heitjan, D.F. and Rubin, D.B. (1986). Inference from Coarse Data using Multiple Imputation. *Computer Science and Statistics, Proceedings of the 18th Symposium on the Interface*, 138-143.

Heitjan, D.F. and Rubin, D.B. (1990). Inference from Coarse Data via Multiple Imputation with Application to Age Heaping. *Journal of the American Statistical Association*, 85, 304-314.

Hendriks, J.C., Medley, G.F., van Griensven, G.J., Coutinho, R.A., Heisterkamp, S.H., van Druten, H.A. (1993). The treatment-free incubation period of AIDS in a cohort of homosexual men. *AIDS*, 7, 231-239.

Herrchen, B., Gould, J.B., Nesbitt, T.S. (1997). Vital statistics linked birth/infant death and hospital discharge record linkage for epidemiological studies. *Computational Biomedical Research*, *30*, 290-305.

Herzog, T.N. (1980). Multiple Imputation Modeling for Individual Social Security Benefit Amounts, Part II. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 404-407.

Herzog, T.N. and Lancaster, C. (1980). Multiple Imputation Modeling for Individual Social Security Benefit Amounts, Part I. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 398-403.

Honaker J., Joseph, A., King, G., Scheve, K. and Singh, N. (1999) *Amelia: A program for missing data*. Cambridge, MA: Harvard University, http://GKing.Harvard.edu/.

Hox, J.J. (1999). A review of current software for handling missing data. Kwantitatieve Methoden, 62, 123-140.

Huisman, M. (1999). *Item nonresponse: Occurrence, causes, and imputation of missing answers to test items*. Ph.D. Thesis, University of Groningen. Leiden: DSWO Press.

James, I.R. (1995). A Note on the Analysis of Censored Regression Data by Multiple Imputation. *Biometrics*, *51*, 358-362.

Johnson, B.W., Woodburn, R.L. and Cutwright, V.A. (1993) Using multiple imputation to estimate the effect of data entry errors. *ASA Proceedings of the Quality and Productivity Section*, 65-70.

Johnson, C.L., Curtin, L.R., Ezzati-Rice, T.M., Khare, M. and Murphy, R.S. (1993). *Single and Multiple Imputation: The NHANES Perspective*. Presented at the Annual Meeting of the American Statistical Association, San Francisco, CA.

Kalton, G. (1983). *Compensating for Missing Survey Data*. Institute of Social Research, University of Michigan, Ann Arbor, MI.

Kennickell, A.B. (1991). Imputation of the 1989 Survey of Consumer Finances: Stochastic Relaxation and Multiple Imputation. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 1-10.

Kennickell, A.B., McManus, D.A. (1994). Multiple imputation of the 1983 and 1989 waves of the SCF. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 523-528.

Kershaw, C.D. (1989). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin). *Biometrics*, 45, 345-345.

Khare, M., Little, R.J.A., Rubin, D.B. and Schafer, J.L. (1993). Multiple imputation of NHANES III (with discussion). *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 297-302.

King, B. (1989). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin). *Journal of the American Statistical Association*, 84, 612-613.

King, G., Honaker, J., Joseph A. and Scheve K. (1998). *Analyzing Incomplete Political Science Data: An Alternative Algorithm for Multiple Imputation*. Paper presented at the Annual Meeting of the American Political Science Association, Boston.

King, G., Honaker, J., Joseph, A. and Scheve, K. (1998). *Listwise Deletion is Evil: What to Do About Missing Data in Political Science*. Paper presented at the Annual Meetings of the American Political Science Association, Boston.

Kong, A., Liu, J. and Wong, W.H. (1994). Sequential Imputation and Bayesian Missing Data Problems. *Journal of the American Statistical Association*, 89, 278-288.

Kosorok, M.R., Wei, W.H., Farrell, P.M. (1996) The incidence of cystic fibrosis. *Statistics in Medicine*, 15, 449-462.

Kott, P.S. (1992). A Note on a Counter-Example to Variance Estimation Using Multiple Imputation. Technical Report, U.S. National Agriculture Service, Fairfax, VA.

Laaksonen, S. (1999). *How to find the best imputation technique. Tests with three methods*. Presented at the International Conference on Survey Nonresponse, Portland, Oct. 1999. http://www.jpsm.umd.edu/icsn99/papers/Laaksonen.htm.

Land, K.C. and McCall, P.L. (1993). Estimating the Effect of Nonignorable Nonresponse in Sample Surveys. An Application of Rubin's Bayesian Method to the Estimation of Community Standards for Obscenity. *Sociological Methods & Research*, *21*, 291-316.

Lavori, P., Dawson, R. and Shera, D. (1995). A multiple imputation strategy for clinical trails with truncation of patient data. *Statistics in Medicine*, *14*, 1913-1925.

Lazzeroni, L.C., Schenker, N. and Taylor, J.M.G. (1990). Robustness of multiple-imputation techniques to model misspecification. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 260-265.

Li, K.H. (1988). Hypothesis Testing in Multiple Imputation. Ph.D. Thesis, University of Chicago.

Li, K.H. (1988). Imputation using Markov Chains. *Journal of Statistical Computation and Simulation*, 30, 57-79.

Li, K.H., Meng, X.L., Raghunathan, T.E. and Rubin, D.B. (1991). Significance Levels From Repeated p-values with Multiply-Imputed Data. *Statistica Sinica*, *1*, 65-92.

Li, K.H., Raghunathan, T.E. and Rubin, D.B. (1991). Large Sample Significance Levels from Multiply-Imputed Data Using Moment-Based Statistics and an F Reference Distribution. *Journal of the American Statistical Association*, 86, 1065-1073.

Little, R.J.A. (1979). Maximum Likelihood for Multiple Regression With Missing Values: A Simulation Study. *Journal of the Royal Statistical Society B*, *41*, 1, 76-87.

Little, R.J.A. (1988). Missing Data in Large Surveys. *Journal of Business and Economic Statistics*, 6, 2, 287-301 (with discussion).

Little, R.J.A. (1992). Regression with missing X's: a review. *Journal of the American Statistical Association*, 87, 1227-1238.

Little, R.J.A. and Rubin, D.B. (1987). *Statistical Analysis with Missing Data*. New York: John Wiley and Sons. Translated into Russian in 1991: Finansy and Statistika Publishers, Moscow, Andrei Nikiforev, translator.

Little, R.J.A. and Rubin, D.B. (1989). The Analysis of Social Science Data with Missing Values. *Sociological Methods and Research*, *18*, 292-326. Also in Modern Methods of Data Analysis (S. Fox and J. S. Long, eds.), Sage Publications.

Little, R.J.A. and Rubin, D.B. (1993). Assessment of Trial Imputations for NHANES III. Datametrics Research Inc. Project Report.

Little, R.J.A. and Yao, L. (1996) Intent-to-treat analysis for longitudinal studies with drop-outs. *Biometrics*, *52*, 1324-1333.

Liu, C. (1993). Barlett's Decomposition of the Posterior Distribution of the Covariance for Normal Monotone Ignorable Missing Data. *Journal of Multivariate Analysis*, 46, 198-206.

Liu, C. (1994). *Statistical Analysis Using the Multivariate t Distribution*. Ph.D. Thesis, Department of Statistics, Harvard University, Cambridge MA.

Liu, C. and Rubin D.B. (1996). M: Multiple Imputation System. Report, Datametrics Research Inc.

Liu, C. (1995). Missing Data Imputation Using the Multivariate t Distribution. *Journal of Multivariate Analysis*, 53, 139-158.

Liu, M., Taylor, J.M.G. and Belin, T.R. (1995). Multiple imputation and posterior simulation for multivariate missing data in longitudinal studies. *Computing Science and Statistics: Proceedings of the 27th Symposium on the Interface*, 521-529. Interface Foundation of North America, Fairfax, VA.

Liu, J.S. (1994). Fraction of Missing Information and Convergence Rate of Data Augmentation. *Computationally Intensive Statistical Methods: Proceedings of the 26th Symposium Interface*, eds. J. Sall and A. Lehman, 490-497.

Liu, J.S. and Chen, R. (1995). Blind Deconvolution via Sequential Imputations. *Journal of the American Statistical Association*, 90, 567-576.

Longford, N.T. (1995). Models for uncertainty in educational testing. New York: Springer-Verlag.

Longford, N.T. (1999). An experiment in primary health care provision. *Journal of the Royal Statistical Society A*, *162*, 291-302.

Lynn, P. (1988). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin). *Statistician*, *37*, 475-476.

Lubeck, D.P., Pasta, D.J., Flanders, S.C and Henning, J.M. (1999). Approaches to missing data inference results from CaPSURE: an observational study of patients with prostate cancer. *Pharmacoeconomics*, 15, 197-204.

Madow, W.G., Nisselson, H. and Olkin, I. (1983). Incomplete Data in Sample Surveys, Volume 1: Report and Case Studies. New York: Academic Press.

Madow, W.G., Olkin, I. and Rubin, D.B. (1983). Incomplete Data in Sample Surveys, Volume 2: Theory and bibliographies. New York: Academic Press.

Madow, W.G., Olkin, I. (1983). Incomplete Data in Sample Surveys, Volume 3: Proceedings of the Symposium. New York: Academic Press.

Mason, R., Lesser, V.M. and Traugott, M.W. (1999). *Impact of item nonresponse on nonsampling error*. Presented at the International Conference on Survey Nonresponse, Portland, Oct. 1999. http://www.jpsm.umd.edu/icsn99/papers/Mason.htm.

Mazumdar, S., Liu, K.S., Houck, P.R., Reynolds, C.F. 3rd (1999). Intent-to-treat analysis for longitudinal clinical trials: coping with the challenge of missing values. *Journal Psychiatric Research*, *33*, 87-95.

Meng, X.L. (1990). *Towards Complete Results for Some Incomplete-Data Problems*. Ph.D. Thesis, Department of Statistics, Harvard University, Cambridge MA.

Meng, X.L. (1994). Multiple Imputation with Uncongenial Sources of Input (with discussion). *Statistical Science*, *9*, 538-574.

Meng, X.L. and Rubin, D.B. (1990). Likelihood Ratio Tests with Multiply-Imputed Data. *Proceedings of the Statistical Computing Section of the American Statistical Association*, 78-82.

Meng, X.L. and Rubin, D.B. (1992). Performing Likelihood Ratio Tests with Multiply-Imputed Data Sets. *Biometrika*, 79, 103-111.

Meng, X.L. and Tu, X.M. (1993). *Correcting Reporting Delays in Surveillance Data by Multiple Imputation with Application to AIDS Surveillance*. Presented at the American Statistical Association Annual Meeting, San Francisco, CA.

Miechiels, B., Molenberghs, G. and Lipsitz, S.R. (1999). Selection models and pattern-mixture models for incomplete data with covariates. *Biometrics*, *55*, 978-983.

Mislevy, R.J. (1991). Randomization-Based Inferences About Latent Variables from Complex Samples. *Psychometrika*, *56*, 2, 177-196.

Mislevy, R.J. (1993). Should "multiple imputations" be treated as "multiple indicators"? *Psychometrika*, 58, 79-85.

Mislevy, R.J., Beaton, A.E., Kaplan, B. and Sheehan, K.M. (1992). Estimating Population Characteristics from Sparse Matrix Samples of Item Responses. *Journal of Educational Measurement*, 29, 2, 133-161.

Mislevy, R.J., Johnson, E.G. and Muraki, E. (1992). Scaling Procedures in NAEP. *Journal of Educational Statistics*, 17, 131-154.

Munoz, A., Wang, M.C., Bass, S. Taylor, J.M.G, Kingsley, L.A., Chmiel, J.S., and Polk, F. (1989). Acquired immunodeficiency syndrome (AIDS) - free time after human immunodeficiency virus type 1 (HIV-1) seroconversion in homosexual men. *American Journal of Epidemiology*, *130*, 530-539.

Munoz, A., Carey, V., Taylor, J.M., Chmiel, J.S., Kingsley, L., Van Raden, M., Hoover, D.R. (1992). Estimation of time since exposure for a prevalent cohort. *Statistics in Medicine*, *11*, 939-952.

Munoz, A., Xu, J. (1996) Models for the incubation of AIDS and variations according to age and period. *Statistics in Medicine*, *15*, 2459-2473.

O'Callaghan, F. (1999). A multiple imputation strategy for missing data in longitudinal studies. *Kwantitatieve Methoden*, 62, 111-122.

Oudshoorn C.G.M., van Buuren, S., van Rijckevorsel, J.L.A. (1999). *Flexible multiple imputation by chained equations of the AVO-95 survey*. TNO Preventie en Gezondheid, TNO/PG 99.045.

Paik, M.C. (1997) Multiple imputation for the Cox proportional hazards model with missing covariates. *Lifetime Data Analysis*, 3, 289-298.

Paik, M.C. (1997). The generalized estimating equation approach when data are not missing completely ar random. *Journal of American Statistical Association*, 92, 1320-1329.

Palm, R. (1987). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin) (in French). *Biometrie-Praximetrie*, 27, 132-133.

Pan, W. (2000). A two-sample test with interval censored data via multiple imputation. *Statistics in Medicine*, 19, 1-11.

Pan, W., Kooperberg, C. (1999). Linear regression for bivariate censored data via multiple imputation. *Statistics in Medicine*, *18*, 3111-3121.

Paulin, G.D. and Ferraro, D.L. (1994). *Do Expenditures Explain Income? A Study of Variables for Income Imputation*. Presented at the Annual Meeting of the American Statistical Association, Toronto, Canada.

Penayo, U, Caldera, T, Jacobsson, L. (1992). Prevalence of mental disorders in adults in Subtiava, Leon, Nicaragua (in Portuguese). *Bol-Oficina-Sanit-Panam.*, 113, 137-149.

Penny, K.I. and Jolliffe, I.T. (1999). Multivariate outlier detection applied to multiply imputed laboratory data. *Statistics in Medicine*, *18*, 1879-1895.

Rao, J.N.K. (1996). On variance estimation with imputed survey data. *Journal of the American Statistical Association*, *91*, 499-505.

Rao, R.S., Glickman, M.E. and Glynn, R.J. (1999). Use of a highly influential covariate and multiple waves in reducing non-response impact in surveys. Presented at the International Conference on Survey Nonresponse, Portland, Oct. 1999. http://www.jpsm.umd.edu/icsn99/papers/Rao.htm.

Raghunathan, T.E. (1987). *Large Sample Significance Levels from Multiply-Imputed Data*. Ph.D. Thesis, Department of Statistics, Harvard University.

Raghunathan, T.E. and Grizzle, J.E. (1995). A Split Question Survey Design. *Journal of the American Statistical Association*, 90, 54-63.

Raghunathan, T.E. and Siscovick, D.S. (1996). A Multiple Imputation Analysis of a Case-Control Study on the Risk of Primary Cardiac Arrest Among Pharmacologically Treated Hypertensives. *Applied Statistics*, 45, 3.

Rao, J.N.K. and Shao, J. (1992). Jackknife Variance Estimation with Survey Data Under Hot Deck Imputation. *Biometrika*, 79, 811-822.

Reilly, M. (1993). Data Analysis Using Hot-Deck Multiple Imputation. Statistician, 42, 307-313.

Reilly, M. and Pepe, M. (1993). Inference with incomplete covariates using hot deck multiple imputation. Submitted to JASA.

Reilly, M. and Pepe, M. (1997) The relationship between hot-deck multiple imputation and weighted likelihood. *Statistics in Medicine*, 16, 5-19.

Relles, D.A. and Stolzenberg, R.M. (1991). An Assessment of the Consequences of Sample Censoring Bias in Graduate School Admission Test Validation. *Proceedings of the Social Statistics Section of the American Statistical Association*, 101-110.

Richardson, B.A., Flack, V.F. (1996) The analysis of incomplete data in the three-period two-treatment cross-over design for clinical trials. *Statistics in Medicine*, *15*, 127-143.

Robins, J.M. and Wang, N. (2000). Inference for imputation estimators. *Biometrika*, 87, 113-124.

Rubin, D.B. (1977). Formalizing Subjective Notions About the Effect of Nonrespondents in Sample Surveys. *Journal of the American Statistical Association*, 72, 538-543.

Rubin, D.B. (1977). *The Design of a General and Flexible System for Handling Non-Response in Sample Surveys*. Working document prepared for the Social Security Administration.

Rubin, D.B. (1978). Multiple Imputations in Sample Surveys -- A Phenomenological Bayesian Approach to Nonresponse. *The Proceedings of the Survey Research Methods Section of the American Statistical Association*, 20-34. With discussion and reply by Nisselson, H.; Dempster, A.P.; Cochran, W.G.; Hinkley; Wainer, H; Sande, D.; Innis G.; Patrick, C.A. Also in Imputation and Editing of Faulty or Missing Survey Data. U.S. Department of Commerce, 1-23.

Rubin, D.B. (1979). Illustrating the use of multiple imputations to handle nonresponse in sample surveys. *Bulletin of the International Statistical Institute*, 48, 517-532.

Rubin, D.B. (1980). *Handling Nonresponse in Sample Surveys by Multiple Imputations*. U.S. Department of Commerce, Bureau of the Census Monograph.

Rubin, D.B. (1981). The Bayesian Bootstrap. Annals of Statistics, 9, 130-134.

Rubin, D.B. (1983). *Progress Report on Project For Multiple Imputation of 1980 Codes*. Manuscript distributed to the U.S. Bureau of the Census, the U.S. National Science Foundation and the Social Science Research Foundation.

Rubin, D.B. (1984). Bayesianly Justifiable and Relevant Frequency Calculations for the Applied Statistician. *Annals of Statistics*, *12*, 1151-1172.

Rubin, D.B. (1986). Statistical matching using file concatenation with adjusted weights and multiple imputations. *Journal of Business and Economic Statistics*, *4*, 87-94.

Rubin, D.B. (1986). Basic ideas of multiple imputation for nonresponse. Survey Methodology, 12, 37-47.

Rubin, D.B. (1987). Multiple Imputation for Nonresponse in Surveys. New York: John Wiley and Sons.

Rubin, D.B. (1988). An Overview of Multiple Imputation. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 79-84.

Rubin, D.B. (1988). Multiple Imputation for Data-Base Construction. *COMPSTAT 88 --- Proceedings in Computational Statistics*. (D. Edwards and N.E. Raun, Eds.) Heidelberg: Physica-Verlag, 389-400.

Rubin, D.B. (1988). Using the SIR Algorithm to Simulate Posterior Distributions. With discussion and reply. J.M. Bernardo, M.H. DeGroot, D.V. Lindley, and A.F.M. Smith, (Eds.) *Bayesian Statistics 3*. Oxford University Press, 395-402.

Rubin, D.B. (1990). Imputation Procedures and Inferential Versus Evaluative Statistical Statements. *U.S. Census Bureau Sixth Annual Research Conference*, 676-679.

Rubin, D.B. (1991). EM and Beyond. *Psychometrika*, 56, 2, 241-254.

Rubin, D.B. (1992). Comment on Lavori's `Clinical Trials in Psychiatry: should protocol deviations censor patient data? '*Neuropsychopharmacology*, *6*, 59-60.

Rubin, D.B. (1993). Satisfying Confidentiality Constraints Through the Use of Synthetic Multiply-Imputed Micro-Data. *Journal of Official Statistics*, *9*, 461-468.

Rubin, D.B. (1994). Comments on Missing Data, Imputation, and the Bootstrap by Bradley Efron. *Journal of the American Statistical Association*, 89, 485-8.

Rubin, D.B. (1996). Multiple imputation after 18+ years. *Journal of the American Statistical Association*, 91, 473-489.

Rubin, D.B. and Schafer, J.L. (1990). Efficiently Creating Multiple Imputations for Incomplete Multivariate Normal Data. *Proceedings of the Statistical Computing Section of the American Statistical Association*, 83-88.

Rubin, D.B. and Schenker, N. (1986). Multiple Imputation for Interval Estimation From Simple Random Samples with Ignorable Nonresponse. *Journal of the American Statistical Association*, 81, 366-374.

Rubin, D.B. and Schenker, N. (1987). Interval Estimation from Multiply-Imputed Data: A Case Study Using Agriculture Industry Codes. *Journal of Official Statistics*, *3*, 375-387.

Rubin, D.B. and Schenker, N. (1991). Multiple Imputation in Health-Care Data Bases: An Overview and Some Applications. *Statistics and Medicine*, *10*, 585-598.

Rubin, D.B. and Zaslavsky, A. (1989). An Overview of Representing Misenumerations in the Census Using Multiple Imputation. *Proceedings of the Bureau of the Census Fifth Annual Research Conference*, 109-117.

Rubin, D.B., Schafer, J.L. and Schenker, N. (1988). Imputation Strategies for Missing Values in the PES. *Survey Methodology*, *14*, 209-221.

Rubin, D.B., Schafer, J.L. and Schenker, N. (1988). Imputation Strategies for Estimating the Undercount. *Bureau of the Census Fourth Annual Research Conference*, 151-159.

Rubin, D.B., Stern, H. and Vehovar, V. (1995). Handling 'Don't Know' Survey Responses: The Case of the Slovenian Plebiscite. *Journal of the American Statistical Association*, 90, 822-828.

Schafer, J.L. (1991). A Comparison of the Missing-Data Treatments in the Post-Enumeration Program. *Journal of Official Statistics*, *7*, 475-498.

Schafer, J.L. (1991). Algorithms for Multiple Imputation and Posterior Simulation from Incomplete Multivariate Data with Ignorable Nonresponse. Ph.D. Thesis, Department of Statistics, Harvard University.

Schafer, J.L. (1995). Model-based imputation of census short-form items. *Proceedings of the Annual Research Conference*, 267-299, Bureau of the Census, Washington, DC.

Schafer, J.L. (1997). Analysis of Incomplete Multivariate Data. New York: Chapman & Hall.

Schafer, J.L. (1999) Multiple imputation: a primer. Statistical Methods in Medical Research, 8:3-15.

Schafer, J.L. and Schenker, N. (1991). Variance Estimation with Imputed Means. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 696-701.

Schafer, J.L. and Schenker, N. (2000). Inference with imputed conditional means. *Journal of the Americal Statistical Association*, 95, 144-154.

Schafer, J.L., Khare, M., and Ezzatti-Rice, T.M. (1993). Multiple imputation of missing data in NHANES III. Proceedings of the Annual Research Conference, 459-487, Bureau of the Census, Washington, DC.

Schafer, J.L., Khare, M., Little, R.J.A. and Rubin, D.B. (1993). *Multiple Imputation of NHANES III*. Presented at the Annual Meeting of the American Statistical Association, San Francisco, CA.

Schafer, J.L., Ezzatti-Rice, T.M., Johnson, W. Khare, M., Little, R.J.A. and Rubin, D.B. (1996). The NHANES III multiple imputation project. *Proceedings of the Survey Research Methods Section of the American Statistical Association*.

Schafer, J.L. and Olsen, M.K. (1998) Multiple imputation for multivariate missing-data problems: a data analyst's perspective. *Multivariate Behavioral Research*, 33, 545-571.

Schemper M and Stare J (1996). Explained variation in survival analysis. *Statistics in Medicine*, 15, 1999-2012.

Schemper, M. and Heinze, G. (1997). Probability imputation revisited for prognostic factor studies. *Statistics in Medicine 16*, 73-80.

Schenker, N. (1989). The Use of Imputed Probabilities for Missing Binary Data. *Proceedings of the 5th Annual Research Conference*, Bureau of the Census, 133-139.

Schenker, N. and Welsh, A.H. (1988). Asymptotic Results for Multiple Imputation. *Annals of Statistics*, 16, 1550-1566.

Schenker, N. and Taylor, J.M.G. (1996). Partially parametric techniques for multiple imputation. *Computational Statistics & Data Analysis*, 22, 425-448.

Schenker, N., Treiman, D.J. and Weidman, L. (1988). Evaluation of Multiply-Imputed Public-Use Tapes. *Proceedings of the Survey Research Methods Section of the American Statistical Association*, 85-92.

Schenker, N., Treiman, D.J. and Weidman, L. (1993). Analyses of Public Use Decennial Census Data with Multiply Imputed Industry and Occupation Codes. *Applied Statistics*, 42, 545-556.

Serrat, C., Gomez, G., Garcia de Olalla, P., Cayla, J.A. (1998). CD4+ lymphocytes and tuberculin skin test as survival predictors in pulmonary tuberculosis HIV-infected patients. *International Journal of Epidemiology*, 27, 703-12.

Sheppard, L., Levy, D., Norris, G., Larson, T.V., Koenig, J.Q. (1999). Effects of ambient air pollution on nonelderly asthma hospital admissions in Seattle, Washington, 1987-1994. *Epidemiology*, *10*, 23-30.

Spiess, M. and Keller, F. (1999) A mixed approach and a distribution-free multiple imputation technique for the estimation of a multivariate probit model with missing values. *British Journal of Mathematical and Statistical Psychology*, 52, 1-17.

Stijnen T, Arends LR. (1999) Dwalingen in de methodologie. XVI. Wat te doen met ontbrekende waarningen? (in Dutch). Roaming through methodology. XVI. What to do about missing data. *Nederlands Tijdschricht der Geneeskunde*, 143, 1996-2000.

Sugden, R.A. (1988). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin). *Journal of the Royal Statistical Society A*, *151*, 567-567.

Tanner, M.A. (1993). Tools for Statistical Inference (Second Edition). New York: Springer-Verlag.

Tanner, M.A. (1995). Reply to comment on "Applications of multiple imputation of censored regression data". *Biometrics*, *51*, 362-362.

Tanner, M.A. and Wong, W.H. (1987). The Calculation of Posterior Distributions by Data Augmentation. (with discussion.) *Journal of the American Statistical Association*, 82, 528-550.

Taylor, J.M.G., Munoz, A., Bass, S.M., Saah, A., Chmiel, J.S. and Kingsley, L.A. (1990). Estimating the Distribution of Times from HIV Seroconversion to AIDS Using Multiple Imputation. *Statistics in Medicine*, *9*, 505-514.

Thibaudeau, Y. (1999). Model Explicit Item Imputation for Demographic Categories for Census 2000. Presented at the International Conference on Survey Nonresponse, Portland, Oct. 1999. http://www.jpsm.umd.edu/icsn99/papers/Thibaudeau.htm.

Toutenburg, H. (1990). Review of "Multiple imputation for nonresponse in surveys" (Auth D.B. Rubin). *Statistical Papers*, *31*, 180-180.

Treiman, D.J., Bielby, W. and Cheng, M. (1989). Evaluating a Multiple-Imputation Method for Recalibrating 1970 U.S. Census Detailed Industry Codes to the 1980 Standard. *Sociological Methodology*, *18*, 309-345.

Tu, X.M., Meng, X.L. and Pagano, M. (1993). The AIDS Epidemic: Estimating Survival After AIDS Diagnosis from Surveillance Data. *Journal of the American Statistical Association*, 88, 26-36.

Tu, X.M., Meng, X.L. and Pagano, M. (1993). Survival Differences and Trends in Patients With AIDS in the United States. *Journal of Acquired Immune Deficiency Syndromes*, 6, 1150-1156.

van Buuren, S. (1998). Review of "Analysis of multivariate incomplete data" (Auth: J.L. Schafer) (in Dutch). In VOC-nieuws, p. 4-5, oktober, 1998.

van Buuren, S., Boshuizen, H.C. and Knook, D.L. (1999). Multiple imputation of missing blood pressure covariates in survival analysis. *Statistics in Medicine*, *18*, 681-694

van Buuren, S., Hopman-Rock, M. and Miedema, H.S. (1996). *The development of a proposal for revision of the Severity of Disabilities Scale of the ICIDH*. TNO Preventie en Gezondheid, TNO report PG 96.067.

van Buuren, S., van Mulligen E.M. and Brand, J.P.L. (1994). Routine Multiple Imputation in Statistical Data Bases. In J.C. French and H. Hinterberger (Eds.), *Proceedings of the Seventh International Working Conference on Scientific and Statistical Database Management*, Charlottesville, VA, Sept. 28-30, 1994, 74-78. IEEE Computer Society Press, Los Alamitos, CA.

van Buuren, S., van Mulligen, E.M. and Brand, J.P.L. (1995). Omgaan met ontbrekende gegevens in statistische databases: Multiple imputatie in HERMES (in Dutch). *Kwantitatieve Methoden*, 50, 5-15.

van Buuren S, Perenboom RJM, Rhodes MGH, Boshuizen HC. (1998) *Gehandicapten Informatie DoorDenk Systeem. GIDS prototype eigen betalingen.* TNO Rapport, PG98.014.

van Buuren, S., Oudshoorn C.G.M. (1999). *Flexible multivariate imputation by MICE*. Leiden: TNO Preventie en Gezondheid, TNO/PG 99.054.

van Buuren, S. and van Rijckevorsel, J.L.A. (1992). Imputation of missing categorical data by maximizing internal consistency. *Psychometrika*, 57, 567-580.

van Buuren, S. and van Rijckevorsel, J.L.A. (1992). Nonresponse imputation in public health research. In J.L.A. van Rijckevorsel and C.C.J.H. Bijleveld (Eds), *A reader on applying statistics in public health and prevention*, 33-57. NIPG publikatienummer 92.036, NIPG-TNO, Leiden.

15-6-00: 14:22

van Buuren, S., van Rijckevorsel, J.L.A. and Rubin, D.B. (1993). Multiple Imputation by Splines. *Bulletin of the International Statistical Institute, Contributed Papers II*, 503-504.

Verkerk, P.H., Reerink, J.D., van Buuren, S., Herngreen, W.P., Verloove-Vanhorick, S.P. (1996). *Use of alcohol, cigarettes or psychofarmaca during pregnancy and child development and behaviour in the first two years of life.* Manuscript. In P.H. Verkerk, Alcohol, Pregnancy and Child Development, 61-76. Ph.D. Thesis, University of Leiden.

Verley, G. (1999). Missing data in linear modeling. Kwantitatieve Methoden, 62, 95-110.

Wang, N. and Robins, J.M. (1998). Large-sample theory for parametric multiple imputation procedures. *Biometrika*, 85, 935-948.

Wang, R., Sedransk, J. and Jinn, J.H. (1992). Secondary data analysis when there are missing observations. *Journal of the American Statistical Association*, 87, 952-961.

Weld, L. (1987). Significance Levels from Public Use Data With Multiply-Imputed Industry Codes. Ph.D. Thesis, Department of Statistics, Harvard University.

Wei, G.C. and Tanner, M.A. (1991). Applications of multiple imputation to the analysis of censored regression data. *Biometrics*, 47, 1297-1309.

Wiggins, R.D., Lynch, K., Gleave, S. and Bynner, J. (1999). Teaching applied multivariate analysis in the context of missing data: a comparative evaluation of current software remedies. Presented at the International Conference on Survey Nonresponse, Portland, Oct. 1999. http://www.jpsm.umd.edu/icsn/papers/Wiggins1.htm.

Williams, V.S.L., Billeaud, K., Davis, L.A., Thissen, D., and Sanford, E. (1995). *Projecting to the NAEP Scale: Results from the North Carolina End of Grade Testing Program*. National Institute of Statistical Sciences Research Report.

Wright, P.M. (1993). Filling in the blanks: Multiple imputation for replacing missing values in survey data. *Proceedings of SAS Users Group International Conference*, 18, 1123-1125.

Xie, F., Paik, M.C. (1997) Multiple imputation methods for the missing covariates in generalized estimating equation. *Biometrics*, *53*, 1538-1546.

Zanutto, E.L. (1998). Modeling Matched Substitutes to Create Multiple Imputations for Unit Nonrespondents. *ASA Proceedings of the Section on Government Statistics*.

Zaslavsky, A.M. (1989). Representing Census Undercount: A Comparison of Reweighting and Multiple Imputation Methods. Ph.D. Thesis, Department of Mathematics, Massachusetts Institute of Technology, Cambridge MA.