

## References

- Bankier, M.D., Rathwell, S. and Majkowski, M. (1992). Two step generalized least squares estimation in the 1991 Canadian census. Statistics Canada Working Paper.
- Bankier, M.D. (1986). Estimators based on several stratified samples with applications to multiple frame surveys. *J. Amer. Statist. Assoc.*, **81**, 1074–1079.
- Basu, D. (1971). An essay on the logical foundations of survey sampling. In *Foundations of Statistical Inference* (V.P. Godambe and D.A. Spratt eds.), Holt, Rinehart & Winston, Toronto, pp. 203–242.
- Battese, G.E., Harter, R.M. and Fuller, W.A. (1988). An error components model for prediction of crop areas using survey and satellite data. *J. American Statistical Association*, **83**, 28–36.
- Bell, W.B. (1999). Accounting for uncertainty about variances in small area estimation. *Bulletin of the International Statistical Institute*.
- Bellhouse, D. and Stafford, J. (1999). Density estimation from complex surveys. *Statistica Sinica*, **9**, 407–424.
- Bellhouse, D. and Stafford, J. (2001). Local polynomial regression in complex surveys. *Survey Methodology*, **27**, 197–203.
- Benhin, E., Rao, J.N.K. and Scott, A.J. (2004). Mean estimating equations approach to analysing cluster-correlated data with nonignorable cluster sizes. *Biometrika* (under revision).
- Binder, D.A. (1983). On the variance of asymptotically normal estimators from complex surveys. *Int. Statist. Rev.*, **51**, 279–292.
- Binder, D.A. and Kovacevic, M. (1995). Estimating some measures of income inequality from survey data: an application of the estimating equations approach, *Survey Methodology*, **21**, 137–145.
- Breidt, F.J. and Opsomer, J.D. (2000). Local polynomial regression estimators in survey sampling. *Ann. Statist.*, **28**, 1026–1053.
- Brewer, K.R.W. (1963). Ratio estimators and finite populations: Some results deducible from the assumptions of an underlying stochastic process. *Australian Journal of Statistics*, **5**, 93–105.
- Brewer, K.R.W. (1979). A class of robust sampling designs for large scale surveys. *J. Amer. Statist. Assoc.*, **74**, 911–915.
- Brewer, K.R.W. and Donadio, M.E. (2003). The high entropy variance of the Horvitz Thompson estimator. *Survey Methodology*, **29**, 189–196.

- Buskirk, T.D. (1998). Nonparametric density estimation using complex survey data. *Proceedings of the ASA Survey Research Methods Section*, 799–801.
- Buskirk, T.D. and Lohr, S. (2004). Asymptotic properties of kernel density estimation with complex survey data. In press, *Journal of Statistical Planning and Inference*.
- Casady, R.J. and Valliant, R. (1993). Conditional properties of post-stratified estimators under normal theory. *Survey Methodology*, **19**, 183–192.
- Chambers, R.L. (1996). Robust case-weighting for multi-purpose establishment surveys. *J. Official Statist.*, **12**, 3–32.
- Chen, J., Chen, S-Y. and Rao, J.N.K. (2003). Empirical likelihood confidence intervals for the mean of a population containing many zeros. *Can. J. Statist.*, **31**, 53–68.
- Chen, J. and Qin, J. (1993). Empirical likelihood estimation for finite populations and the effective use of auxiliary information. *Biometrika*, **80**, 107–116.
- Chen, J., Rao, J.N.K. and Sitter, R.R. (2000). Efficient random imputation for missing data in complex surveys. *Statistica Sinica*, **10**, 1153–69.
- Chen, J. and Shao, J. (2001). Jackknife variance estimation for nearest-neighbor imputation. *Journal of the American Statistical Association*, **96**, 260–269.
- Chen, J. and Sitter, R.R. (1999). A pseudo empirical likelihood approach to the effective use of auxiliary information in complex surveys. *Statistica Sinica*, **9**, 385–406.
- Chen, J., Sitter, R.R., and Wu, C. (2002). Using empirical likelihood methods to obtain range restricted weights in regression estimators for surveys. *Biometrika*, **89**, 230–237.
- Cochran, W.G. (1977). *Sampling Techniques* (3rd Edition). New York: Wiley.
- Cohen, M. (2002). Implementing Rao-Shao type variance estimation with replicate weights. *Survey Methodology*, **28**, 97–101.
- Datta, G.S., Lahiri, P. and Maiti, T. (2002). Empirical Bayes estimation of median income of four-person families by states using time series and cross-sectional data. *J. Statistical Planning and Inference*, **102**, 83–97.
- Datta, G.S., Lahiri, P., Maiti, T. and Lu, R.L. (1999). Hierarchical Bayes estimation of unemployment rates for the U.S. states. *J. American Statistical Association*, **94**, 1074–1082.
- Datta, G., Rao, J.N.K. and Smith (2004). On measures of uncertainty of small area estimators in the Fay-Herriot model. *Biometrika* (in press).
- Deming, W.E. (1956). On the simplification of sample design through replication with equal probabilities and without stages. *J. Amer. Statist. Assoc.*, **51**, 24–53.

- Demnati, A. and Rao, J.N.K. (2004). Linearization variance estimators for survey data. In press, *Survey Methodology*.
- Deville, J. and Särndal, C.-E. (1992). Calibration estimators in survey sampling. *J. Roy. Stat. Soc. Ser. B*, **87**, 376–382.
- Dorfman, A.H. (1994). A note on variance estimation for the regression estimator in double sampling. *J. Amer. Statist. Assoc.*, **89**, 137–140.
- Efron, B. (1982). *The Jackknife, the Bootstrap and Other Resampling Plans*. Philadelphia: SIAM.
- Eltinge, J. and Yansaneh, I.S. (1997). Diagnostics for formation of nonresponse adjustment cells, with an application to income nonresponse in the U.S. Consumer Expenditure Survey. *Survey Methodology*, **23**, 33–40.
- Ericson, W.A. (1969). Subjective Bayesian models in sampling finite populations (with discussion). *J. Roy. Stat. Soc. B*, **31**, 195–233.
- Fay, R.E. (1991). A design-based perspective on missing data variance. *Proceedings of the 1991 Annual Research Conference, Bureau of the Census*, 429–440.
- Fay, R.E. (1996). Alternative paradigms for the analysis of imputed survey data. *Journal of the American Statistical Association*, **91**, 490–498.
- Fay, R.E. and Herriot, R.A. (1979). Estimation of income for small places: an application of James-Stein procedures to census data. *J. American Statistical Association*, **74**, 269–277.
- Firth, D. and Bennett, K.E. (1998). Robust models in probability sampling. *J. Roy. Stat. Soc. B*, **60**, 3–21.
- Folsom, R., Shah, B.V. and Vaish, A.K. (1999). Substance abuse in states: a methodological report on model-based estimates from the 1994-1996 National Household Surveys on Drug Abuse. *Proceedings of the Section on Survey Research Methods, American Statistical Association*, 371–375.
- Francisco, C.A. and Fuller, W.A. (1991). Quantile estimation with a complex survey design. *Ann. Statist.*, **19**, 454–469.
- Fuller, W.A. (1985). Estimation in the presence of measurement error. *International Statistical Review*, **63**, 121–47.
- Fuller, W.A. (1999). Environmental surveys over time. *J. Agricultural, Biological and Environmental Statistics*, **4**, 331–345.
- Fuller, W.A. (2002). Regression estimation for survey samples. *Survey Methodology*, **28**, 5–23.

- Fuller, W.A. and Burmeister, L.F. (1972). Estimators for samples selected from two overlapping frames. *Proceedings of the Social Statistics Section, American Statistical Association*, 245–249.
- Godambe, V.P. (1955). A unified theory of sampling from finite populations. *J. Roy. Statist. Soc. B*, **17**, 269–278.
- Godambe, V.P. (1966). A new approach to Sampling from finite populations (with discussion), *J. Roy. Stat. Soc. B*, **28**, 269–278.
- Hansen, M.H., Hurwitz, W.N. and Madow, W.G. (1953). *Sample Survey Methods and Theory*. Volume 1. New York: Wiley.
- Hansen, M.H., Madow, W.G., and Tepping, B.J. (1983). An evaluation of model-dependent and probability sampling inferences in sample surveys. *J. Amer. Statist. Assoc.*, **78**, 776–793.
- Hartley, H.O. (1962). Multiple frame surveys. *Proceedings of the Social Statistics Section, American Statistical Association*, 203–206.
- Hartley, H.O. (1974). Multiple frame methodology and selected applications. *Sankhyā Ser. C*, **36**, 99–118.
- Hartley, H.O. and Rao, J.N.K. (1968). A new estimation theory for sampling surveys, *Biometrika*, **55**, 547–559.
- Hartley, H.O. and Sielken, R.L. Jr. (1975). A ‘super-population’ viewpoint for finite population sampling. *Biometrics*, **31**, 411–22.
- Haziza, D. and Rao, J.N.K. (2000). Inference for domain means under imputation for missing data. Proceedings of the Survey Methods Section, Statistical Society of Canada, 197–202.
- Hidioglou, M.A., Fuller, W.A. and Heckman, R.D. (1980). *SUPER CARP, sixth edition*. Ames, Iowa: Survey Section, Statistical Laboratory, Iowa State University.
- Hinkins, S., Oh, H.L. and Scheuren, F. (1997). Inverse sampling design algorithms. *Survey Methodology*, **23**, 11–21.
- Holt, D. and Smith, T.M.F. (1979). Post-stratification. *J. Roy. Statist. Soc. Ser. A*, **142**, 33–46.
- Huang, E.T. and Fuller, W.A. (1978). Nonnegative regression estimation for sample survey data. *Proc. Social Statist. Soc.*, ASA, 300–305.
- Hussain, M. (1969). *Construction of regression weights for estimation in sample surveys*. Unpublished M.Sc. thesis, Iowa State University, Ames, Iowa.
- Iachan, R. and Dennis, M.L. (1993). A multiple frame approach to sampling the homeless and transient population. *Journal of Official Statistics*, **9**, 747–764.

- Isaki, C.T. Tsay, J.H. and Fuller, W.A. (2000). Estimation of census adjustment factors. *Survey Methodology*, **26**, 31–42.
- Jiang, J., Lahiri, P. and Wan, S.-M. (2002). A unified jackknife theory for empirical best prediction with M-estimation. *Annals of Statistics*, **30**, 1782–1810.
- Kalton, G. and Anderson, D.W. (1986). Sampling rare populations. *J. Royal Statist. Soc., Ser. A*, **149**, 65–82.
- Korn, E.L. and Graubard, B.I. (1995). Examples of differing weighted and unweighted estimates from a sample survey. *The American Statistician*, **49**, 291–295.
- Korn, E.L. and Graubard, B.I. (1998). Scatterplots with survey data. *The American Statistician*, **52**, 58–69.
- Krewski, D. (1978). Jackknifing U-statistics in finite populations. *Comm. Statist.—Theory and Methods*, A7, 1–12.
- Krewski, D. and Rao, J.N.K. (1981). Inference from stratified samples: properties of the linearization, jackknife and balanced repeated replication methods. *Ann. Statist.*, **9**, 1010-1019.
- Lahiri, P. and Rao, J.N.K. (1995). Robust estimation of mean squared error of small area estimators. *J. American Statistical Association*, **90**, 758–766.
- Lindley, D.V. (1996). Letter to the Editor. *American Statistician*, **50**, 197.
- Lohr, S. (1999). *Sampling: Design and Analysis*. Pacific Grove CA: Duxbury Press.
- Lohr, S. and Rao, J.N.K. (2000). Inference in dual frame surveys. *J. American Statistical Association*, **95**, 271–280.
- Lohr, S. and Rao, J.N.K. (2003). Estimation in multiple frame surveys. *Proceedings of the International Conference on Recent Advances in Survey Sampling*, 137–146.
- Lohr, S. and Rao, J.N.K. (2004). Resampling methods for MSE estimation with non-linear small area models. In press, *Proceedings of Statistics Canada Symposium 2003*.
- Maiti, T. (2001). Robust generalized linear mixed models for small area estimation. *Journal of Statistical Planning and Inference*, **98**, 225–238.
- Malec, D., Davis, W.W. and Cao, X. (1999). Model-based small area estimation of overweight prevalence using sample selection adjustment. *Statistics in Medicine*, **18**, 3189–3200.
- Malec, D., Sedransk, J., Moriarity, C.L. and LeClerc, F.B. (1997). Small area inference for binary variables in National Health Interview Survey. *J. American Statistical Association*, **92**, 815–826.

- Madans, J.H., Ezzati-Rice, T.M., Cynamon, M. and Blumberg, S.J. (2001). Targeting approaches to state-level estimates. In *Proceedings of the Seventh Conference on Health Survey Research Methods*, M.L. Cynamon and R.A. Kulka, eds., Department of Health and Human Services, Hyattsville, MD, 239–245.
- Mahalanobis, P.C. (1939). A sample survey of the acreage under jute in Bengal. *Sankhya*, **4**, 511–531.
- Maiti, T. (1998). Hierarchical Bayes estimation of mortality rates for disease mapping. *J. Statistical Planning and Inference*, **69**, 339–348.
- McCarthy, P.J. (1969). Pseudoreplication: variance estimation. *Review of the International Statistical Institute*, **37**, 239–264.
- Miller, R.J. (1964). A trustworthy jackknife. *Ann. Math. Statist.*, **35**, 1594–1605.
- Nandram, B. and Choi, J.W. (2002). Hierarchical Bayesian nonresponse models for binary data from small areas with uncertainty about ignorability. *J. American Statistical Association*, **97**, 381–388.
- Nandram, B., Sedransk, J. and Pickle, L. (1999). Bayesian analysis of mortality rates for U.S. Health Service Areas. *Sankhya, Series B*, **61**, 145–65.
- Nixon, M.G. Kalton, G. and Brick, M.J. (1996). Variance estimation with missing best values in the NIPRCS, *Proceedings of the ASA Survey Research Methods Section*, 347–352.
- Neyman, J. (1934). On the two different aspects of the representative method: the method of stratified sampling and the method of purposive selection. *J. Roy. Statist. Soc.*, **109**, 558–606.
- Owen, A.B. (1988). Empirical likelihood ratio confidence intervals for a single functional. *Biometrika*, **75**, 237–249.
- Owen, A.B. (2001). *Empirical Likelihood*. New York: Chapman & Hall.
- Pfeffermann, D. and Sverchkov, M.Y. (2003). Fitting generalized linear models under informative sampling. In *Analysis of Survey Data* (R.L.Chambers and C.J.Skinner eds.), Wiley, New York, pp. 175–195.
- Quenouille, M.H. (1956). Notes on bias in estimation. *Biometrika*, **43**, 353–360.
- Rao, J.N.K. (1985). Conditional inference in survey sampling. *Survey Methodology*, **11**, 15–31.
- Rao, J.N.K. (1994). Estimating totals and distribution functions using auxiliary information at the estimation stage. *J. Official Statist.*, **10**, 153–165.

- Rao, J.N.K. (2001). EB and EBLUP in small area estimation. In *Empirical Bayes and Likelihood Inference* (S.E. Ahmed and N. Reid, eds.). Lecture Notes in Statistics 148, New York: Springer, 33–43.
- Rao, J.N.K. (2003). *Small Area Estimation*. New York: Wiley.
- Rao, J.N.K., Jocelyn, W. and Hidiroglou, M.A. (2003). Confidence interval coverage properties for regression estimators in uni-phase and two-phase sampling. *J. Official Statistics*, **19**, 17–30.
- Rao, J.N.K., Scott, A.J. and Benhin, E. (2003). Undoing complex survey data structures: some theory and applications of inverse sampling. *Survey Methodology*, **29**, 107–128.
- Rao, J.N.K. and Shao, J. (1992). Jackknife variance estimation with survey data under hot deck imputation. *Biometrika*, **79**, 811–822.
- Rao, J.N.K. and Singh, A.C. (1997). A ridge shrinkage method for range restricted weight calibration in survey sampling. *Proc. Sec. Survey Research Methods, ASA*, 57–64.
- Rao, J.N.K. and Sitter, R.R. (1995). Variance estimation under two-phase sampling with application to imputation for missing data. *Biometrika*, **82**, 453–460.
- Rao, J.N.K. and Skinner, C.J. (1996). Estimation in dual frame surveys with complex designs. *Proceedings of the Survey Methods Section, Statistical Society of Canada*, 63–68.
- Rao, J.N.K. and Tausi, M. (2004). Estimating function jackknife variance estimation under stratified multistage sampling. In press, *Communications in Statistics*.
- Rao, J.N.K. and Vijayan, K. (2001). Application of experimental designs in survey sampling. In *Recent Advances in Experimental Designs and Related Topics*, S. Altman and J. Singh eds. New York: Nova Science Publishers, pp.65–72.
- Rao, J.N.K. and Wu, C.F.J. (1985). Inference from stratified samples: second-order analysis of three methods for nonlinear statistics. *J. Amer. Statist. Assoc.*, **80**, 620–630.
- Rao, J.N.K. and Wu, C.F.J. (1987). Methods for standard errors and confidence intervals from survey data: some recent work. *Bull. Int. Statist. Inst.*, **3**, 5–19.
- Rao, J.N.K. and Wu, C.F.J. (1988). Resampling inference with complex survey data. *J. American Statistical Association*, **83**, 231–241.
- Rao, J.N.K., Wu, C.F.J. and Yue, K. (1992). Some recent work on resampling methods for complex surveys. *Survey Methodology*, **18**, 209–217.
- Rao, J.N.K., Yung, W. and Hidiroglou, M.A. (2002). Estimating equations for the analysis of survey data using poststrata information. *Sankhya*, **64**, Series A, 364–378.

- Reiter, J.P. (2000). Borrowing strength when explicit data pooling is prohibited. *J. Official Statistics*, **16**, 295–319.
- Renssen, R.H. and Nieuwenbroek, N.J. (1997). Aligning estimates for common variables in two or more sample surveys. *J. Amer. Statist. Assoc.*, **92**, 368–374.
- Rivest, L.-P. and Belmonte, E. (2000). A conditional mean squared error of small area estimators. *Survey Methodology*, **26**, 67–78.
- Rivest, L.-P. and Vandal, N. (2003). Mean squared error estimation for small areas when the small area variances are estimated. In *Proceedings of the International Conference on Recent Advances in Survey Sampling*. Laboratory for Research in Statistics and Probability, Carleton University, Ottawa, Canada, 197–206.
- Robinson, J. (1987). Conditioning ratio estimates under simple random sampling. *J. Amer. Statist. Assoc.*, **83**, 826–831.
- Rubin, D.B. (1996). Multiple imputation after 18+ years. *J. American Statistical Association*, **91**, 472–489.
- Royall, R.M. (1970). On finite population theory under certain linear regression models. *Biometrika*, **57**, 377–387.
- Royall, R.M. and Cumberland, W.G. (1981). An empirical study of the ratio estimator and estimator of its variance. *J. Amer. Statist. Assoc.*, **76**, 66–77.
- Särndal, C.E. (1992). Methods for estimating the precision of survey estimates when imputation has been used. *Survey Methodology*, **18**, 242–252.
- Särndal, C.E. (1996). Efficient estimators with simple variance in unequal probability sampling. *J. Amer. Statist. Assoc.*, **91**, 1289–1300.
- Särndal, C.E., Swensson, B. and Wretman, J.H. (1992). *Model Assisted Survey Sampling*. New York: Springer-Verlag.
- Shao, J. (1994). L-statistics in complex survey problems. *Ann. Statist.*, **22**, 946–967.
- Shao, J. and Sitter, R.R. (1996). Bootstrap for imputed survey data. *Journal of the American Statistical Association*, **91**, 1278–1288.
- Shao, J. and Steel, P. (1999). Variance estimation for survey data with composite imputation and nonnegligible sampling fractions. *Journal of the American Statistical Association*, **94**, 254–265.
- Shao, J. and Tu, D. (1995). *The Jackknife and Bootstrap*. New York: Springer-Verlag.
- Shao, J. and Wang, H. (2002). Sample correlation coefficients based on survey data under regression imputation. *J. American Statistical Association*, **97**, 544–552.

- Silverman, B.W. (1986). *Density Estimation for Statistics and Data Analysis*. London: Chapman & Hall.
- Simonoff, J. (1996). *Smoothing Methods in Statistics*. New York: Springer-Verlag.
- Sinharay, S. and Stern, H. (2003). Posterior predictive model checking in hierarchical models. *Journal of Statistical Planning and Inference*, **111**, 209–221.
- Singh, A.C. and Mohl, C.A. (1996). Understanding calibration estimators in survey sampling. *Survey Methodology*, **22**, 107–115.
- Sitter, R.R. (1993). Balanced repeated replication based on orthogonal multi-arrays. *Biometrika*, **80**, 211–221.
- Sitter, R.R. and Wu, C. (2001). A note on Woodruff confidence intervals for quantiles. *Statistics and Probability Letters*, **52**, 353–358.
- Skinner, C.J. and Rao, J.N.K. (1996). Estimation in dual frame surveys with complex designs. *J. American Statistical Association*, **91**, 349–356.
- Srivastava, M.S. and Carter, E.M. (1986). The maximum likelihood method for non-response in sample surveys. *Survey Methodology*, **12**, 61–72.
- Tillé, Y. (1999). Estimation in surveys using conditional inclusion probabilities: complex design. *Survey Methodology*, **25**, 57–66.
- Traugott, M.W., Groves, R.M. and Lepkowski, J.M. (1987). Using dual frame designs to reduce nonresponse in telephone surveys. *Public Opinion Quarterly*, **51**, 522–539.
- Tukey, J.W. (1958). Bias and confidence in not quite large samples. *Ann. Math. Statist.*, **29**, 614.
- Valliant, R., Dorfman, A.H. and Royall, R.M. (2000). *Finite Population Sampling and Inference: A Prediction Approach*. New York: Wiley.
- Valliant, R. (1993). Poststratification and conditional variance estimation. *J. Amer. Statist. Assoc.*, **88**, 89–96.
- Valliant, R. (2002). Variance estimation for the general regression estimator. *Survey Methodology*, **28**, 103–114.
- Wand, M.P. and Jones, M.C. (1995). *Kernel Smoothing*. New York: Chapman & Hall.
- Wang, J. and Fuller, W.A. (2003). The mean squared error of small area predictors constructed with estimated area variances. *J. American Statistical Association*, **98**, 716–723.
- Wang, N. and Robins, J.M. (1998). Large-sample theory for parametric multiple imputation procedures. *Biometrika*, **85**, 935–948.

- Woodruff, R.S. (1952). Confidence intervals for medians and other position measures. *J. Amer. Statist. Assoc.*, **47**, 635–646.
- Wu, C. (2004a). Combining information from multiple surveys through the empirical likelihood method. *Can. J. Statist.*, **32**, 15–26
- Wu, C. (2004b). R/SPLUS implementation of pseudo-empirical likelihood methods under unequal probability sampling. Tech. Report, Department of Statistics and Actuarial Science, University of Waterloo, Waterloo, Ontario, Canada.
- Wu, C. and Sitter, R.R. (2001). A model-calibration approach to using complete auxiliary information from survey data. *J. Amer. Statist. Assoc.*, **96**, 185–193.
- You, Y. and Rao, J.N.K. (2002a). A pseudo-empirical best linear unbiased prediction approach to small area estimation using survey weights. *Canadian Journal of Statistics*, **30**, 431–439.
- You, Y. and Rao, J.N.K. (2002b). Small area estimation using unmatched sampling and linking models. *Canadian Journal of Statistics*, **30**, 3–15.
- You, Y., Rao, J.N.K. and Gambino, J. (2003). Model-based unemployment rate estimation for the Canadian Labour Force Survey: a hierarchical Bayes approach. *Survey Methodology*, **29**, 27–36.
- Yung, W. and Rao, J.N.K. (1996). Jackknife linearization variance estimators under stratified multistage sampling. *Survey Methodology*, **22**, 23–31.
- Yung, W. and Rao, J.N.K. (2002). Jackknife variance estimation under imputation for estimators using poststratification information. *J. Amer. Statist. Assoc.*, **95**, 903–915.
- Zhang, D. and Davidian, M. (2001). Linear mixed models with flexible distributions of random effects for longitudinal data. *Biometrics*, **57**, 795–802.
- Zhang, F. Brick, M., Kaufman, S. and Walter, E. (1998). Imputation variance estimation in Schools of Staffing Survey. *Proceedings of the Survey Research Methods Section, ASA*, 320–325.
- Zhong, C.X.B. and Rao, J.N.K. (1996). Empirical likelihood inference under stratified random sampling using auxiliary information. *Proc. Survey Res. Sec., ASA*, 793–803; *Biometrika*, 2000, **87**, 929–938.
- Zhong, C.X.B. and Rao, J.N.K. (2000). Empirical likelihood inference under stratified random sampling using auxiliary information. *Biometrika*, **87**, 929–938.
- Zieschang, K.D. (1990). Sample weighting methods and estimation of totals in the consumer expenditure survey. *J. Amer. Statist. Assoc.*, **85**, 986–1001.