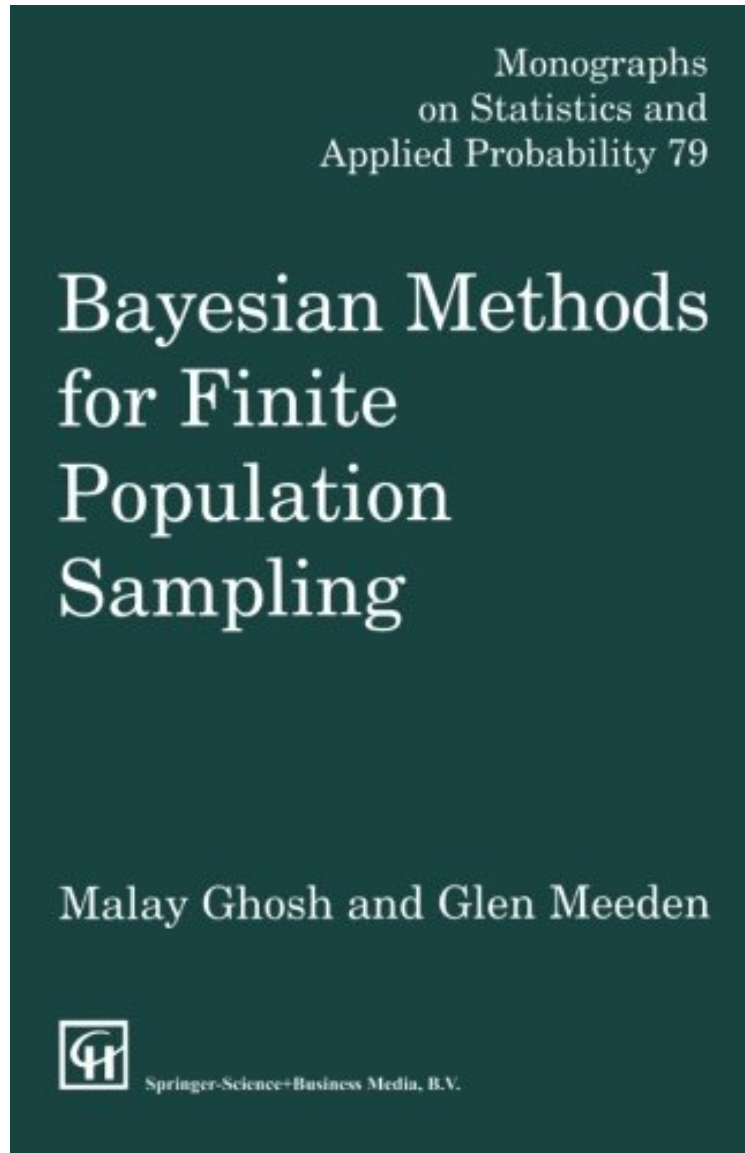



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Bayesian Methods for Finite Population Sampling (Chapman Hall/CRC Monographs on Statistics Applied Probability)

Malay Ghosh, Glen Meeden

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Malay Ghosh, Glen Meeden : Bayesian Methods for Finite Population Sampling (Chapman Hall/CRC Monographs on Statistics Applied Probability) before purchasing it in order to gage whether or not it would be worth my time, and all praised Bayesian Methods for Finite Population Sampling (Chapman Hall/CRC Monographs on Statistics Applied Probability):

0 of 0 people found the following review helpful. Not as useful in practice as I hoped
By Jan Galkowski
My point of contrast for this text is the frequentist methods text by Sarndahl, Swensson, and Wretman called MODEL-ASSISTED SURVEY SAMPLING (Springer, 1992) which has a greater assortment of cases and problems, as well as theory. The Ghosh and Meeden book addresses some of the basic concerns and, while the theory is very sound, it is not at all clear they have presented or argue the numerical aspects of the methods they propose. Sure, it's a shorter text, but for whatever reason, it's not as useful to people actually doing survey sampling as the Sarndahl, et al text.
0 of 16 people found the following review helpful. sampling table
By A Customer
the sampling vs population table for the 99% confident interval

Assuming a basic knowledge of the frequentist approach to finite population sampling, Bayesian Methods for Finite Population Sampling describes Bayesian and predictive approaches to inferential problems with an emphasis on the likelihood principle. The authors demonstrate that a variety of levels of prior information can be used in survey sampling in a Bayesian manner. Situations considered range from a noninformative Bayesian justification of standard frequentist methods when the only prior information available is the belief in the exchangeability of the units to a full-fledged Bayesian model. Intended primarily for graduate students and researchers in finite population sampling, this book will also be of interest to statisticians who use sampling and lecturers and researchers in general statistics and biostatistics.