

## Current Issues in Statistical Inference: Essays in Honor of D. Basu

*edited by*  
*M. Ghosh & P. K. Pathak*

D. Basu's emphasis has always been on foundations and underlying concepts rather than on technicalities. In keeping with his philosophy, essays in this festschrift volume, dedicated to Basu on the occasion of his 65th birthday, place the major emphasis on the foundational issues of statistical inference. Most of the papers in this volume are review articles written by his friends and colleagues in those areas of statistics that have interested Basu most during his active research career—information, likelihood, ancillarity, randomization, fiducial probabilities, logical foundations of survey sampling, and many related concepts. These papers are also written in a narrative style which has typified so much of Basu's own writings in statistics.

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Conditional inference from confidence sets *by G. Casella*; Intervention experiments, randomization and inference *by O. Kempthorne*; Ancillarity *by E. L. Lehmann & F. W. Scholz*; The Pitman closeness of statistical estimators: Latent years and the renaissance *by P. K. Sen*; Unbiased sequential binomial estimation *by Bimal K. Sinha & Bikas K. Sinha*; Sufficiency *by S. Yamada & H. Morimoto*; Foundations of statistical quality control *by R. E. Barlow & T. Z. Irony*; Prequential data analysis *by A. P. Dawid*; Bayesian nonparametric inference *by T. S. Ferguson, E. G. Phadia, & R. C. Tiwari*; Hierarchical and empirical Bayes multivariate estimation *by M. Ghosh*; Basu's contributions to the foundations of sample survey *by G. Meeden*; Survey sampling—As I understand it *by V. P. Godambe*; Two basic partial orderings for distributions derived from Schur functions and majorization *by K. Joag-Dev & J. Sethuraman*; Optimal integration of surveys *by P. K. Pathak & M. Fahimi*; The model based (prediction) approach to finite population sampling theory *by R. M. Royall*; Sampling theory using experimental design concepts *by J. Srivastava & Z. Ouyang*

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