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SAMPLING and SURVEY SAMPLING: Estimating a Population Average or Total

Section headings to provide a content overview

1. Background Information
2. Equiprobable (Simple random) Selecting
3. Sample Size and Sample Error under EPS
   Example HL77.1
4. Notation
5. Estimating $\bar{\mathbf{Y}}$, the Respondent Population Average
   Example HL77.2
   Example HL77.3
6. Estimating $_{T}\mathbf{Y}$, the Respondent Population Total
   Example HL77.4
   Example HL77.5
7. References
8. Appendix 1: Notation – Managing Falsehood
9. Appendix 2: Population Elements and Units
10. Appendix 3: Representative Sampling
11. Appendix 4: Terminology – Finite Populations
12. Appendix 5: The Mean of S, $E(S)$
13. Appendix 6: Bias and Rms Error
14. Appendix 7: Sampling Bias/Inaccuracy
    Example HL77.6
15. Appendix 8: A Survey Sampling Cautionary Tale

Ten (seventeen) tables

Fourty-two equations

2023-08-20