

Figure 2.15. UNSTRATIFIED POPULATIONS: One-Stage EPSWOR of Individual Elements
Estimating the Ratio of Two Averages or Totals
Section headings to provide a content overview

1. Illustrations
2. Statistical Properties of $R = \bar{Y}/\bar{X}$ – Preliminaries
3. Statistical Properties of $R = \bar{Y}/\bar{X}$ – Estimating Bias
4. Statistical Properties of $R = \bar{Y}/\bar{X}$ – Standard Deviation
5. Confidence Intervals for \mathbf{R} and the Effect of Estimating Bias
 - Example 2.15.1
 - Example 2.15.2
 - Example 2.15.3
6. Appendix 1: Approximations Based on Taylor Series Expansions
7. Appendix 2: Another Derivation of the Estimating Bias of $R = \bar{Y}/\bar{X}$
8. Appendix 3: Effect of Estimating Bias on Coverage Probability

Four tables

Five diagrams

Twenty-seven equations