



Instituto Interamericano de Estadística

IASI WEBINAR
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Approaches for Improving Substitution of Nonresponding Units

Summary

Substitution of a nonresponding unit with one not originally selected in the sample is a commonly used method for dealing with unit nonresponse. Although frequently used in practice, substitution is largely neglected in the survey sampling literature. To date, few studies have attempted to develop a formal framework for describing and evaluating substitution methods, and little research has been done to improve estimates obtained through the use of substitution as a nonresponse adjustment procedure. In this presentation, I will show results from simulation and empirical studies conducted to enhance our understanding of substitution methods and present new procedures to improve them.

Speaker Short Bio

Raphael Nishimura is director of sampling operations of the Survey Research Operations (SRO) within the Survey Research Center (SRC) at the University of Michigan Institute for Social Research (ISR). He has been working with sampling and survey statistics for over fifteen years. He holds a PhD in Survey Methodology from the University of Michigan and a Bachelor's degree in Statistics from the University of São Paulo. His main research interest includes sampling methods, survey nonresponse and adaptive/responsive designs. He is also the director of the Sampling Program for Survey Statisticians of the SRC Summer Institute for Survey Research Techniques.

The event is free to attend but requires registration. [Please register here.](#)