

Measurement Error: Models, Methods and Applications

Presenter: John Buonaccorsi, UMass/Amherst (author of the forthcoming Chapman and Hall/CRC Press book on the topic)

Abstract: This course will present an introductory and applied look at measurement error (including misclassification). The focus will be on the basic models use for measurement error, the impacts of measurement error on naive analyses that ignore it, and an overview of techniques to correct for it. Emphasis is on categorical models (for proportions and two-way) and linear and non-linear regression, including binary regression. A number of examples will be presented and an overview of computing options presented.

When: Saturday, February 6th (9:30am registration and refreshments, 10-4pm short-course)

Where: Administration Building, 80 East Concord Street, room L-112, Boston University School of Public Health, Boston, MA

Prerequisites: Applied linear and logistic regression analysis

Registration: sign up by 1/31 to reserve a place at the EventBrite site:
<http://bcasa-buonaccorsi.eventbrite.com>

Cost: BCASA members (\$35), Non-members (\$50), Students (\$25) Registration includes lunch

Directions: <http://www.bu.edu/maps/?campus=medical>

Parking: is available for \$5 on Saturdays in the garage located at 710 Albany Street.

More information: is available from co-sponsors Boston Chapter of the American Statistical Association website (<http://www.amstat.org/chapters/boston>) and the Department of Biostatistics at Boston University