



SEMINAR SERIES 2018-2019

When: Thursday, November 22, 2018
Time: 3:30 – 4:30 pm
Refreshments at 3:15 pm
Where: Sidney Smith Hall Rm 2105
Speaker: **Lauren Kennedy, Columbia University**
Host: Dan Simpson

Adjusting for non-census variables with multi-level regression and poststratification

Multi-level regression and poststratification is a model-based method for accounting for sampling design and adjusting for non-response that is an alternative to traditional weighting procedures.

These methods are growing in popularity, proving to be particularly helpful in adjusting for complex interactions and making small area estimates. However, complex survey designs raise new challenges for this method. In this talk we focus specifically on the best approach to adjust for non-census variables. We compare and contrast multiple methods using the Poverty Tracker; a large, unique study of poverty, disadvantage and hardship in New York City.