



SEMINARIO

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Identification of Effect Heterogeneity via Finite Mixtures

Summary. In many substantive areas it is expected that effects of interest are not homogenous in the population. Examples of areas in which individuals are expected to respond differently include the effects of the families on adolescent problem behavior, effects of parenting on child development, and effects of classrooms on student success. Dr. Van Horn will present a program of research investigating the use of finite mixture regression models for evaluating effect heterogeneity. The basic methodology will be presented and then three studies evaluating separate aspects of this model will be presented in brief. The first study proposes two extension of the regression mixture model which take different approaches to relaxing assumptions about error distributions. The second study evaluates methods for modeling the relationship between predictors and latent classes, and the third study evaluates a multilevel extension of the regression mixture model.

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Aula 6 - Palazzo delle Scienze. Corso Italia 55, Catania
