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Centre sur les Applications des Modèles de Réponses aux Items
Université du Québec à Montréal

Introduction to Multilevel Modeling: Techniques and Applications

Conférencière:

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11 :00

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Pavillon Paul-Gérin-Lajoie
1205, rue Saint-Denis

Multilevel modeling is a technique that has great potential applications for educational and psychological research. In this talk, I will start with introducing the concepts and rationale of developing framework for multilevel modeling. Different approaches of defining the multilevel models will be discussed. Topics of defining predictors at different levels, modeling building, hypothesis testing, and model assessment will be covered through examples. Current developments on multilevel analytical techniques such as multilevel models for binary, categorical, and longitudinal data will be briefly reviewed. I will also provide some resources for researchers who plan to use multilevel analytic techniques in their work.