

Title: Dynamic Latent Class Models for the Detection of Inattention

Instructor: Holger Brandt

Abstract:

In this workshop, we will investigate procedures to identify persons who become inattentive when responding to questionnaires. The workshop will include a general introduction to the topic as well as a theoretic section on the modeling framework (i.e., Bayesian modeling and dynamic latent class structural equation modeling). Furthermore, we will explore different models in Jags and/or Stan, starting with simple confirmatory models that we will extend to more complex models that are capable to identify different states in intensive longitudinal data. Participants will practice how to develop, implement, and interpret these models during the workshop, as well as how to illustrate results from such complex analyses.

Assignment: Active participation

Credits: 2 workshop days