

Title: 2. Analysing longitudinal data with hierarchical linear models and identifying subgroups in prevention research.

9:30 – 10:40	<p>Introductory examples and basic concepts of multi-level modeling of</p> <ul style="list-style-type: none"> - Cross-sectional data - Longitudinal data <p>Analysis of longitudinal data with multi-level models</p> <ul style="list-style-type: none"> - Differences to ANOVAR - Some mixed models
10:40 – 11:00	*** Coffee break ***
11:00 – 12:00	<ul style="list-style-type: none"> - Applications and 'how to do it' in SAS and SPSS - Interpretation of results and critical issues
12:00 – 13:00	*** Lunch ***
13:00 – 14:00	<p>Introduction to growth mixture models (GMM)</p> <ul style="list-style-type: none"> - Basic concepts of mixture analysis - Mixture analysis with longitudinal data - Applications and 'how to do it' in <i>Mplus</i>
14:00 – 14:20	*** Coffee break ***
14:20 – 16:00	<ul style="list-style-type: none"> - Potential pitfalls, caveats, 'reality' of latent classes <p>General discussion, questions, literature and software</p>