



Applied Quantitative Methods Network



## The Humour and Bullying Project:

*Modelling  
cross-lagged  
and dyadic data*

A lecture by Simon C. Hunter

School of Psychological Sciences and Health, University of Strathclyde

**Thursday 1st November 2012, 4.00-5.30pm**

University of Edinburgh, 2nd Floor (Room S.1), 7 George Square,  
Psychology Building, Edinburgh, EH8 9JZ

This seminar will outline the background and methods used in an ESRC-funded research study focussing on adolescents' humour use and their involvement in bullying. Following this, three specific aspects of data analyses will be introduced, each of which will be accompanied by examples using the humour and bullying data. These examples illustrate different ways of using the SPSS add-on 'AMOS' to analyse data. First, measurement models will be covered with a focus on trouble-shooting models which do have adequate levels of fit. Second, the cross-lagged nature of the data set will be discussed, along with benefits and limitations of this research design. Examples of analyses using cross-lagged data will be covered. Finally, the Actor-Partner Independence Model (APIM: Kashy & Kenny, 1999) will be introduced as a way to account for the dyadic nature of many data sets. Again, examples of APIM analyses will be presented and summarised. The seminar will end with a summary of findings from the humour and bullying project.

*Simon is a Senior Lecturer in the School of Psychological Sciences and Health at the University of Strathclyde. His main research interests lie in understanding the link between childhood stress and adjustment, with a specific focus on peer-victimisation and bullying contexts. This has frequently involved cognitive appraisal models of stress and coping, but also includes social psychological perspectives such as social identity (especially within the arena of discriminatory peer-victimisation). Simon is also involved in secondary data analysis, and has published work relating to social identity, health (physical and psychological), and social capital among adults. He is currently involved in an ESRC funded project with Claire Fox (PI, Keele University) investigating young people's humour use, adjustment, and their involvement in peer aggression and peer victimisation as well as secondary data analysis of health and wellbeing data from schools in Scotland.*

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