Stacked Data Matrices Workshop Agenda

Workshop

Date: 03.06.2021

Starting time: 10:00 (CET)

Part 1 – Presentations

1. Stacked Data Matrices: Assumptions and Aims

Speaker: Hermann Schmitt

Duration: 15~30 min.

Topics: (1) What is a stacked data matrix and how does it differ from a 'standard' data matrix; (2) The purpose of, or reasons behind, such transformation, namely the possibility to address generic questions (e.g. how the stacked data matrix offers a solution for 'the problem of the vote choice variable'[1]) ; (3) Which are the questions that such approach aims to answer, and in what such questions differ from those that can be investigated by 'naïve' (i.e. un-transformed) approaches[2]; (4) The suitability of the stacked data matrix approach for 'contextual' analyses.

2. Stacked Data Matrices: Implementing the Generic Approach

Speaker: Giuseppe Carteny

Duration: 15~30 min.

Topics: (1) Repetition: What is a data matrix and in what it differs from a 'standard' data matrix; (2) From individual observations to relationships as observations (e.g. from individual survey respondents to voter-party dyads[3]); (3) A dichotomous dependent variable (e.g. Vote choice variable in voting behaviour studies); (4) Independent variables transformation, namely (a) 'dyadic' variables, (b) 'syntethic/affinity' variables[4]; (c)

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[1] See: Segatti, Schmitt, van der Eijk 2021: 8-10; van der Eijk, De Sio, and Vezzoni 2021: 28-30.

[2] See, for instance: van der Eijk, De sio, and Vezzoni 2021: 30-32

[3] See van der Eijk, De sio, and Vezzoni 2021: 32-33.

[4] See: van der Eijk and Franklin 1996, 346-348; van der Eijk *et al.* 2006, 442-443; Schmitt 2009: 137-157; De Sio and Franklin 2011.

contextual variables; (5) Problems, such as auto-correlation of variables in the stacked data matrix which requires the computation of clustered standard errors; (6) Tutorial preview.

3. Stacked Data Matrices: Open Issues

Speaker: Federico Vegetti

Duration: 15~30 min.

Topics: (1) Synthetic variables: A new haven for regression analysis or a problematic method? (2) Conditional logit: An alternative to stacked matrix analyses with dichotomous dependent variables?

4. Questions and Answers

Duration: 30~45 min.

Break

Duration: 12:00/12:30 ~ 14:00/14:30

Part 2 – Tutorial & Q&A about the stacking procedures

Starting time: 14:00~14:30

Duration: 60 ~ 120 min.

End time: 15:30~16:30