

PROGRAMME

Summer School of Quantitative Methods for Psychological Research

MULTILEVEL ANALYSIS OF DIARY DATA

In-Site Course

23 - 26 JUNE 2026

Aims and topics

Methodological challenges for human science research scientists grow day by day and ask them to extend their knowledge and methodological skills their knowledge. Many phenomena we study are dynamic and require longitudinal and often diary data. Statistical models based on repeated measurements ask to face special questions that do not exist in simpler models.

This summer school aims to acquire knowledge and develop skills that researchers need to design diary studies and analyze the collected data by means of multilevel modeling. The summer school will cover all aspects of basic and more advanced analysis of diary data with SPSS and Mplus. Participants will be able to design diary studies within the field of Work and Organizational Psychology, analyze multilevel data obtained by means of a diary design, and interpret the results obtained appropriately. The school will last four days, and the overall conference style will be informal. Regarding teaching methods, the course will combine instructor presentations, reading and analysis of published studies, guided practical exercises, and autonomous practical exercises.

The methodological Summer School, organised by the Executive Committee of the Italian Psychological Association – Organisational Psychology Section – and the APsyM Lab of the University of Verona, Department of Human Sciences, will be open to national and international PhD students and Faculty members, in need of improving their analytic skills in the area of diary studies.

Content

The contents of the course are as follows:

1. The design of diary studies
2. The logic of multilevel modeling of diary studies
3. Basic multilevel models for predicting within-subject change
4. Estimation of basic multilevel models of diary data with SPSS and Mplus. Interpretation of the results
5. Mediation models for within-subject designs
6. Estimation of mediation models. Interpretation of the results
7. Psychometrics of measures used in diary studies
8. Reporting the results



Schedule: from Tuesday 23 to Friday 26 (June) Morning 9-13; afternoon 14.30 -17.30

	Day 1	Day 2	Day 3	Day 4
9am-1pm	The design of diary studies The logic of multilevel modeling of dairy studies	Estimation of basic multilevel models of diary data with SPSS and Mplus Interpretation of the results	Mediation models for within-subject designs	Psychometrics of measures used in diary studies Reporting the results
2.30pm-5.30pm	Basic multilevel models for predicting within-subject change	Social/Leisure activity	Estimation of mediation models Interpretation of the results	

International Lecturer: Prof. Vicente González-Romá, University of Valencia, Spain

Tutoring staff: prof. Margherita Brondino, University of Verona, Italy

Application: The applications will be selected on specific requirements, considering the overall number of participants. To apply fill in the form <https://forms.gle/LMJn5NshAZCmBEJJ7>

Selection criteria for applications

Participants' selection by the scientific committee will be based on three criteria:

- Career. Priority to younger researchers (PhD students, research fellows and post doc, temporary assistant professors, researcher with tenure);
- Research area. Priority to researchers who work on organizational psychology topics;
- Researchers university. The selection will try to facilitate the participation of the greater number of universities (Doctoral schools and Departments).

DEADLINE: 31 of May, 2026



UNIVERSITÀ
di **VERONA**

Dipartimento
di **SCIENZE UMANE**

Fees

- Senior Aip Member* 150 €
- Junior Aip Member* 130 €
- Senior Non Aip Member 250 €
- Junior Non Aip Member 150 €

*Senior AIP members are all faculty members. Junior AIP members are PhD students and post-doc fellows. For more information contact us using the following e-mail aip.psiorganizzazioni@gmail.com

Venue: University of Verona, VR (Italy)

Aula Messedaglia; Chiostro S. Maria della Vittoria, Lungadige Porta Vittoria, 41 - 37129 Verona

Scientific Committee

Margherita Brondino, University of Verona
Elisa Menardo, University of Verona
Barbara Loera, University of Turin
Giulia Paganin, University of Bologna
Massimo Miglioretti, University of Milano-Bicocca

Organizer Committee

Margherita Brondino, University of Verona
Il Comitato Esecutivo di AIP – Sezione psicologia per le organizzazioni