

2.00 credits

15.0 h

Q2

Teacher(s)	Bertrand Aurélie (compensates Dumay Xavier) ;Dumay Xavier ;
Language :	English
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	Individual written work (no exam).
Teaching methods	Workshop in small group. Theoretical presentation with examples in software (SPSS). Exercise carried out by the participants at home and discussed in class. This workshop takes place face-to-face (unless the health situation does not allow it).
Content	"Mixed models for repeated measurement data" workshop. This workshop presents linear mixed models (sometimes also called "linear random effect models" or "multilevel models") and their use in the analysis of longitudinal data. These models generalise linear regression to the case where the observations are not independent of each other, but belong to "groups" (pupils in schools, repeated measurements on each individual, etc). Crossed random effects models are also discussed.
Inline resources	Course Moodle website (slides, datasets for the examples).
Faculty or entity in charge	EPSY

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Education (shift schedule)	FOPA2M	2		