

MULTILEVEL MODELING USING R AND SPSS

(October 4-9, 2021)

WORKSHOP AGENDA

DAY 1: OCTOBER 4, 2021 (MONDAY)

Session 1 (3pm – 4.30pm): Introduction to multilevel models, need for multilevel models

Session 2 (5pm – 6.30pm): Understanding the mathematical formulations of multilevel models

DAY 2: OCTOBER 5, 2021 (TUESDAY)

Session 3 (3pm – 4.30pm): Understanding the mathematical formulations of multilevel models

Session 4 (5pm – 6.30pm): Performing multilevel data analysis in R

DAY 3: OCTOBER 6, 2021 (WEDNESDAY)

Session 5 (3pm – 4.30pm): Performing multilevel data analysis in R

Session 6 (5pm – 6.30pm): Performing multilevel data analysis in R

DAY 4: OCTOBER 7, 2021 (THURSDAY)

Session 7 (3pm – 4.30pm): Performing multilevel data analysis in SPSS

Session 8 (5pm – 6.30pm): Performing multilevel data analysis in SPSS

DAY 5: OCTOBER 8, 2021 (FRIDAY)

Session 9 (3pm – 4.30pm): Understanding the mathematical formulations of longitudinal models

Session 10 (5pm – 6.30pm): Performing longitudinal data analysis in R

DAY 6: OCTOBER 9, 2021 (SATURDAY)

Session 11 (3pm – 4.30pm): Performing longitudinal data analysis in SPSS

Session 12 (5pm – 6.30pm): Performing longitudinal data analysis in SPSS

6.30pm - 7pm: Feedback and Valediction