

## E0430

### Week 2 Practical

1. Download the file popular2.sav
2. Import the file into MLWin
3. Open the file in SPSS
4. Let's try doing some basic statistics in MLWin
5. Estimate the following model – predict popularity by sex
  - a. Do it in SPSS
  - b. Do it in MLWin
6. Estimate two-level unconditional model for popularity = students nested in classrooms
7. Compute ICC – how much variance is due to each level
8. Enter sex and teacher experience (texp) as predictors and obtain the findings

Datasets “popular2” is a simulated data freely available and mentioned in the third edition of *Multilevel analysis: Techniques and applications* (Hox, J. J., Moerbeek, M., & Schoot, R, 2018)