

Stata intermediate course

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Place: LIAM

Date: March 7, 9 and 14, 2022

Hours: 11:00-13:40

This course is conceived as a continuation of the crash course to the statistical software STATA that took place in February. The explanations will depart from the contents that were taught in the first course and, while it is not strictly necessary previous knowledge on statistics, the course will deal with statistical issues and therefore some understanding is appreciated.

This intermediate course will last for 8 hours, distributed in 3 days (2 hours 40 minutes each). Approximately during the first two hours we will cover new materials, while we will devote roughly 45 minutes for practising.

Schedule

1st Day: Multivariate statistics models (7th March)

1. OLS regression models
2. Output tables (estout)
3. Predicted values

2nd Day: Transformation of variables and logistic regression (14th February)

1. Indices
2. Transformation of variables
3. Logistic regression
4. Predicted values

3rd Day: Coefficient plots and interaction effects (9th March)

1. Coefficient plots (coefplot)
2. Interaction models
3. Predicted values
4. Marginal effects