Course outline:

Learning Outcomes	Activities	Assessment strategies
LO: Be able to be familiarize with the basic features and environment of Stata	**(Nov. 17, 2021 - Sync)** Demonstrations: ● Interface, environment, commands ● do files ● log file ● declaring data	● Machine problem sets ● One-page concept note on a sample research topic
LO: Be able to harmonize data from the data editor function of Stata	**(Nov. 18, 2021 - Sync)** Demonstrations: **Data management** ● Data cleaning ● Generate new variables ● Variable types, formats, labelling ● Codebooks	
LO: Be able to run basic statistical analysis in Stata such as descriptive statistics, hypothesis testing and graphics	**(Nov. 19, 2021 - Sync)** Demonstrations: ● Descriptive statistics ● Hypothesis testing ● Graphics	
LO: Be able to apply and implement several econometric models in Stata	**(At your own time after Nov 19 - Async)** Demonstrations: **Regression analysis** ● Linear regression ● Limited dependent variable ● Panel data ● Time series ● Fixed and random effects ● Selection Models ● IV ● 'margins' and 'estout' ● SEM ● PLS ● Factor models	
LO: Be able to operationalize and automate certain steps in the process	**(At your own time after Nov 19 - Async)** Demonstrations: ● Loops* (if time is available)	

Note: For the asynchronous sessions, video demonstrations will be provided via a Google Drive link that is open to all participants. The video recording of the synchronous sessions will also be made available in the Google Drive.