



Five Day Doctoral Training Course on Structural Models for Policy Evaluation in the realm of Education and Discrete Choice Approaches

Venue

Top Institute for Evidence Based Education Research
Maastricht University
Kapoenstraat 2, Maastricht

Topic and approach

Participate in an intensive, hands-on five day course on Structural Models for Policy Evaluation and Discrete Choice Approaches. The course is primarily intended for doctoral students, postdocs and assistant professors. We introduce you in the literature, the methodology and show how to estimate the models in Stata, after which you are invited to practice with real life datasets and discuss results and “tips and tricks” with the presenting academics.

Datasets will be provided for use in the lab sessions, but alternatively participants can bring their own datasets and elaborate the presented techniques in this setting.

A working knowledge of Stata and basic econometrics is assumed. For Part 1, the course aims to build on pre-existing knowledge of the principles of econometric policy evaluation techniques, as it elaborates on applications in the field of education. For Part 2, the course presents applications of discrete choice models in the field of education and elaborates on the use of vignette studies in economic analyses.

It is assumed that all participants bring a laptop with a working copy of Stata. Please let us know if you are unable to do this (either bringing a laptop computer or have Stata ready).

Local organisers

Carla Lenssen
Joris Ghysels

PART 1: Structural Models for Policy Evaluation in the Realm of Education

Monday 6 June 2016			Room
11.30 – 12.15	Registration		Courtyard
12.15 – 13.45	Lunch		Courtyard
13.45 – 14.00	Welcoming Address	Joris Ghysels	Courtyard
14.00 – 14.30	An quick overview of the use of structural models in Education Economics: quasi-experimental research designs	Iryna Rud	0.009
14.30 – 15.45	The use of geographical distance as an instrument in educational evaluation	Kristof De Witte	0.009
15.45 – 16.00	Coffee break		Courtyard
16.00 – 17.30	Lab session in small groups: participants replicate the analyses of the lecture and go into additional questions	Kristof De Witte & Sofie Cabus	1.034/2.006
Tuesday 7 June 2016			
9.30 – 10.30	The HALT experiment: how to use IV to control for selective participation, while taking into account effect heterogeneity	Iryna Rud	0.009
10.30 – 10.45	Coffee break		Courtyard
10.45 – 11.45	Does education count? Using RDD to estimate the effect of an additional year of teaching in primary and secondary education (fuzzy versus sharp RDD, methods for bandwidth selection, ...)	Joris Ghysels	0.009
11.45 – 12.15	Introduction to the lab sessions	Joris Ghysels	0.009
12.15 – 14.00	Lunch		Courtyard
14.00 – 16.30	Lab sessions in small groups dedicated to one of the following questions: <ul style="list-style-type: none"> - Putting Fuzzy RDD to the test for primary education effect estimates based on TIMMS or NABC data (on a selection of countries) - Putting Fuzzy RDD to the test for secondary education effect estimates based on TIMMS or NABC data (on a selection of countries) - Using IV for the evaluation of the "Moving to Opportunity" programme Participants replicate the lectures, go into additional questions and prepare a two sheet ppt-overview for the plenary. Stata datasets, personal assistance and coffee/tea are provided.	Joris Ghysels & Iryna Rud	1.034/2.006
16.30 – 17.15	Plenary discussion of results, pro and cons of options chosen, tips and tricks	Joris Ghysels	0.009

Wednesday 8 June	First EdEN Workshop	Room
9.30 – 11.00	Project presentations I Fritz Schiltz: Not in Education, Employment, or Training – The effects of availability and quality of schools and jobs Eszter Nagy: Dual training types in Hungary - description of the typical types of training firms	0.009
11.00 – 11.30	Coffee break	Courtyard
11.30 – 13.00	Project presentations II Anna Lovász: Feedback project Zoltán Hermann: Effect of the 1998 vocational training reform	0.009
13.00 – 14.30	Lunch (and meeting of the Coordination Committee)	Courtyard
14.30 – 15.15	Project presentation III Fritz Schiltz, Chiara Masci: Optimal size of schools	0.009
15.15 – 15.30	Coffee break	Courtyard
15.30 – 17.00	Overview of other projects (informal, only for members of EdEN) Hermann-Horn: How school competition affects performance Varga: Gender differences in field of studies Lovász: Childcare choice and maternal employment (and later life outcomes) Other	1.034/2.006
19.00 – 21.30	Dinner	Restaurant Le Bon Vivant Capucijnenstraat 91, 6211 RP Maastricht

PART 2: Discrete Choice Approaches

Thursday 9 June			
10.00 – 11.30	Discrete choice experiments: an overview	Wim Groot	0.009
11.30 – 11.45	Coffee break		Courtyard
11.45 – 13.00	Static and dynamic discrete choice models of college/university and major choice: empirical analyses of the random utility model	Koen Declercq	0.009
13.00 – 14.30	Lunch		Courtyard
14.30 – 17.00	<p>Lab sessions in small groups dedicated to one of the following questions:</p> <ul style="list-style-type: none"> - Static discrete choice: major options in secondary education in Hungary - Dynamic discrete choice: college/university and major choice in higher education <p>Participants replicate the lecture, go into additional questions and prepare a two sheet ppt-overview for the plenary. Stata datasets, personal assistance and coffee/tea are provided.</p>	Koen Declercq & Joris Ghysels	1.034/2.006
17.00 – 17.30	Plenary discussion of results, pro and cons of options chosen, tips and tricks		0.009
Friday 10 June			
9.30- 11.15	Workshop on discrete choice experiments: Participants develop a discrete choice experimental setup (vignette design) in the realm of their own research topic	Wim Groot & Florian Tomini	1.034/2.006
11.15- 11.30	Coffee break		Courtyard
11.30- 12.30	Workshop on discrete choice experiments (continued): participants discuss each other's design and research plans	Wim Groot & Florian Tomini	1.034/2.006
12.30 – 14.00	Lunch		Courtyard