



UNIVERSITÀ
DI FOGGIA



HR EXCELLENCE IN RESEARCH

(3rd Ed.) Intro and Advanced
Econometrics
for Applied Economics
in Agricultural Sciences

June 15-19, 2020
Barletta (Italy)



Course organised by the University of Foggia (Italy)
School coordinator: Fabio Santeramo, PhD



Introduction & objectives of the course

Participants will learn theories concerning applied econometric analysis in the agri-food sector and will develop proficiency with software to facilitate the initiation of their own research in topics related to the agri-food sector. The course deals with both conceptual and methodological issues.

Target group and learning outcomes

The course is oriented toward PhD students, postdoctoral researchers and professionals with interest in agricultural economics and applied economics. The course is also open to undergraduate with a strong background.

After successful completion of this course students are expected to be able to:

- understand basic econometrics
- model economic problems related to the agri-food sector
- critically assess econometric analyses related to the agri-food sector
- understand advanced topics in applied econometrics for the agri-food sector

Assumed prior knowledge

- Principles of microeconomic theory at the undergraduate level
- Principles of probability and statistics at the undergraduate level

Course fees (early registration until April 25, 2020)

The **course fee is € 750 for PhD students** and € 1.000 for post-doc and professionals
The course fee is reduced to € 500 for undergraduate students.

Course fees (late registration after April 25, 2020)

The **course fee is € 900 for PhD students** and € 1.200 for post-doc and professionals
The course fee is reduced to € 600 for undergraduate students.

The fee includes additional training material, coffee/lunch breaks, welcome dinner and informal drinks.

Session Times

The course consists of theory and method sessions, divided in morning sessions for the presentation of theoretical aspects, afternoon practical sessions to provide exposure to analytical exercises, simulations, and econometric estimations.

In particular, the practical will include applications of the theory, computer analyses with actual data sets, and interpretations in practice. At the end of each practical, answers and reflections will be handed in (four times). Participants will receive feedback on the next course day.

Outline of the course in hours

The course will involve daily sessions, with a 4-hour theory session in the morning, a 2.5-hour practical session in the afternoon.

Course materials

Reading materials prepared by the authors will be sent to participants in advance of the course.
Articles and other accompanying materials will be distributed during the course.

Requirements and ECTS

Participants who will attend at least 50% of the activities and will hand in and pass with merit the 2 take-home exams at the end of practical sessions on day 2 and day 4 will receive the Certificate of Attendance, which in turn makes them eligible to obtain 4 credits.

Course Schedule

Day	Lecture (morning)	Practical (afternoon)	Social events (in progress)
June 14			6.00 PM <i>Welcome reception</i>
June 15	9.00 AM - 9.30 AM Introduction 9.30 AM - 1.00 PM Topic 1	3.00 PM - 5.30 PM Lab on topic 1 <i>Take-home exercises</i>	7.30 PM – 9.30 PM <i>Welcome dinner</i>
June 16	9.00 AM - 9.30 AM <i>Feedbacks on exercises day 1</i> 9.30 AM - 1.00 PM Topic 2	3.00 PM - 5.30 PM Lab on topic 2 <i>Take-home exam #1 (by 7 am, day 3)</i>	
June 17	9.00 AM - 9.30 AM <i>Feedbacks on exam #1</i> 9.30 AM - 1.00 PM Topic 3	3.00 PM - 5.30 PM Lab on topic 3 <i>Take-home exercises</i>	6.00 PM – 7.00 PM <i>Guided tour*</i> 7.00 PM – 8.00 PM <i>Informal drinks</i>
June 18	9.00 AM - 9.30 AM <i>Feedbacks on exercises day 3</i> 9.30 AM - 1.00 PM Topic 4	3.00 PM - 5.30 PM Lab on topic 4 <i>Take-home exam #2 (by 7 am, day 4)</i>	
June 19	9.00 AM - 9.30 AM <i>Feedbacks on exam #2</i> 9.30 AM - 1.00 PM Topic 5	3.00 PM - 5.30 PM Lab on topic 5 <i>Certificate of Attendance</i>	6.30 PM <i>Drinks on the beach*</i>
June 20			10.00 AM <i>Guided tour*</i>

* not included in the fee

List of topics

1. Generalized Regression Models, Endogeneity Issues; Intro to Time Series (TS)
2. Limited Dependent Variables (LDV); Panel Data (PD) Models
3. Advanced topics 1 on LDV and PD (e.g. Hedonic Price, Score Matching, Regression Discontinuity)
4. Advanced topics 2 on LDV and PD (e.g. Quantile Regressions, Meta-Regression Analysis)
5. Advanced topics 3 on PD and TS (e.g. PVAR, Cointegration, Threshold Models, Quantile Autoregression)

Suggested reading: Angrist and Pischke. Mostly harmless econometrics: An empiricist's companion. Princeton university press, 2008.

Main book: Wooldridge. Introductory econometrics: A modern approach. Nelson Education, 2015.

Optional book: Stock and Watson. Econometrics. Addison Wesley, 2007.

The practical sessions (afternoon) will focus on economic models applied to the agri-food system. Datasets and codes will be run in STATA.

Website: <https://econometricsinagriculture.wordpress.com/>

YouTube channel: <https://www.youtube.com/channel/UCWFHpg5EljjonAVqqU4SSkg>

Location: Future Center, Viale Guglielmo Marconi, 39 – Barletta (Italy)



Local organizing committee

Prof. Fabio Santeramo (Chair), Department of the Sciences of Agriculture, Food and Environment - University of Foggia

Prof. Antonio Seccia, Department of Humanities – University of Foggia

Prof. Roberta Sisto, Department of Economics – University of Foggia

Important

Application forms should be sent via email to econometricsinagriculture@gmail.com

The maximum number of participants is set at 30. Admissions will be made until space availability.

Please make sure that you provide the most recent contact details so that in case of any changes you will be notified promptly.

Cancellations

Cancellations may be made free of charge until 3 weeks before the start of the course. Cancellation fee of 50% applies if participants cancel the course less than 3 weeks (21 days) prior to the course.

Cancellation fee of 100% applies if participants cancel the course less than 2 weeks (14 days) prior to the course.

The organisers have a right to cancel the course not later than 2 weeks before the course starts. The participants will be notified of any changes at their e-mail addresses.

Further information

On course content please contact the course organiser, Fabio Santeramo at fabio.santeramo@unifg.it or +39 0881 589447. For details on travel information, logistics, and accommodation, please see below.

For information on registration and fees, please contact at econometricsinagriculture@gmail.com

Useful information on travel

Barletta is located in the Southern Italy (Apulia region). You may reach Barletta by:

Airplane: the nearest airports are Bari "Palese" (50 Km) and Naples "Capodichino" (210 km), connected with Barletta by trains and buses.

Train: check train connections at <https://www.trenitalia.com/>

Car: take the highway A14 (from Bologna), A1/E45 (from Rome) and A16 (from Naples) and take the exit to Barletta.

Useful information on convenient accommodations

B&B Al Centro Storico

Via Samuelli, 83 – Barletta (Italy)

email: alcentrostorico@libero.it

phone number: 00390883881768 or 00390883575133

website: <http://www.bbcentrostoricobarletta.com/index.aspx>

B&B Antica Dimora

Via Nazareth, 53 – Barletta (Italy)

email: info@anticadimorabarletta.it

phone number: 00393478432414

website: <https://anticadimorabarletta.it/>

B&B Conte Cavour

Via III Novembre, 2 – Barletta (Italy)

email: info@contecavour.com

phone number: 00390883897660

website: <https://contecavour.com/>

B&B De Nittis

Via dei Greci, 6 – Barletta (Italy)

email: info@bddenittis.com

phone number: 00390883571310 or 00393385928577

website: <http://www.bddenittis.com/>

B&B La Disfida di Barletta

Via Duomo, 1 – Barletta (Italy)

email: info@ladisfidadibarletta.it

phone number: 00390883886452 or 00393884440895

website: <http://www.ladisfidadibarletta.it/>

Hotel La Terrazza

Via Misericordia, 78 – Barletta (Italy)

email: info@hotel-laterrazza.com

phone number: 00390883532046

website: <https://hotel-laterrazza.com/>

Itaca Hotel

Via Regina Elena, 30 – Barletta (Italy)

email: itaca@itacahotel.it

phone number: 00390883347741

website: <http://www.itacahotel.it/it/>

Nearby touristic places

Barletta (Italy)



Trani (Italy) – 15 Km southern from Barletta

