



HR EXCELLENCE IN RESEARCH

Intro and Advanced
Econometrics
for Applied Economics
in Agriculture

16-20 July 2018
Foggia - 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 econometrics 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 econometric
- 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

The **course fee is € 500 for PhD students** and € 750 for post-doc.

The course fee is reduced to € 350 for undergraduate students

The fee includes additional training material, coffee, lunches, social 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 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 will hand in four practical reports at the end of each practical session, which in turn makes them eligible to obtain 4 credits.

Course Schedule

Day	Lecture (morning)	Practical (afternoon)	Evening
1 (16 July)	9.00-9.30: Introduction 9.30-13.00: Topic 1	15.00-17.30: Lab on topic 1 <i>Submit practical report</i>	20.00- <i>Social dinner</i>
2 (17 July)	9.00-9.30: Lab solutions 9.30-13.00: Topic 2	15.00-17.30: Lab on topic 2 <i>Submit practical report</i>	
2 (18 July)	9.00-9.30: Lab solutions 9.30-13.00: Topic 3	15.00-17.30: Lab on topic 3 <i>Submit practical report</i>	
4 (19 July)	9.00-9.30: Lab solutions 9.30-13.00: Topic 4	15.00-17.30: Lab on topic 4 <i>Submit practical report</i>	20.00- <i>Informal drinks</i>
5 (20 July)	9.00-9.30: Lab solutions 9.30-13.00: Topic 5	15.00-17.30: Lab on topic 5	

Morning sessions : 9.00-13.00 - Lecture room {to be determined}

Afternoon sessions : 15.00-17.30 - Computer room {to be determined}

List of Topics

1. Linear Regression Models
2. Generalized Regression Models, Endogeneity Issues, Quantile regressions
3. Limited dependent variable models and Panel Data Models
4. Score matching, Regression discontinuity models, Shrinkage estimators
5. Time Series Econometrics, Quantile auto-regression

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**.*

Local Organizing Committee

Fabio Santeramo (Chair) – Dept. of Agricultural, Environmental and Food Sciences (SAFE)

Antonio Seccia – Dept. of Humanities

Roberta Sisto – Dept. of Economics

Link to the Summer School: http://www.fabiosanteramo.net/?page_id=383

Location: The sessions will be held in the **Department of Agricultural, Food and Environmental Sciences (SAFE), Via Napoli 25, Foggia, Italy**. The exact rooms will be announced later.



Important: Application forms should be send via email to Fabio Santeramo (fabio.santeramo@unifg.it) and to Roberta Spinelli (roberta.spinelli@unifg.it) **no later than 15th June 2018**

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. The admitted students will be notified no later than the 20th June 2018. The **payment of the fees** must be done **no later than the 30th June 2018**.

Cancellations

Cancellations may be made free of charge until 1 week before the start of the course. Cancellation fee of 100 % applies if participants cancel the course less than 1 week prior to the course. The organisers have a right to cancel the course not later than 1 week 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 o +39 0881 589447

For details on travel information, logistics, and accommodation, please see below. For information on registration and fees, please contact Roberta Spinelli at roberta.spinelli@unifg.it

Useful information on travel

Foggia is located in the southern part of Italy. You may reach Foggia by airplane, by train or by car.

Airplane: The nearest airports are the airport of Bari "Palese" (120 Km) and the airport of Naples "Capodichino" (170 km), connected with Foggia by trains and buses. Please check bus connections from Bari (airport) to Foggia (train station) and from Naples (train station) to Foggia (train station) at the following links:

http://www.metaurobus.it/assets/pdf_orari_2016_per_sito.pdf

<https://www.clpbus.it/web/orari/napoli-foggia.php>

Train: Foggia is reachable by train. Please check train connections at <https://www.trenitalia.com>

The Department SAFE is located at walking distance (20 minutes) from the train station.

Car: Take the highway A14 and take the exit to Foggia. Follow the direction for University "Agraria". It takes about 20 minutes from the A14 exit to reach the Department SAFE (Via Napoli 25).

Useful information on convenient accommodations

University B&B

(book via booking.com)

Via Napoli 67 – Foggia

Phone: (+39) 329 617 6895

single room: € 40 double room: € 50

Close to the Department SAFE

B&B Le Quattro Stagioni

(book via booking.com)

Viale Luigi Pinto, 47 – Foggia

Phone: (+39) 380 5820228

single room: € 40 double room: € 60 triple room: € 80

Close to the Department SAFE

Unoduetrerresidence

<http://www.unoduetrerresidence.com>

Via Solomone 4 - Foggia

Phone: (+39) 335 6671376

Email: info@unoduetrerresidence.com

flat: € 65

La Civetta B&B di Charme

<http://www.lacivetta.net>

Piazza Umberto Giordano 77 - Foggia

Phone: (+39) 0881 777717

Mail: info@lacivetta.net

single room: € 70-80 double room: € 75-85

Hotel Palazzo Sant' Elena

<http://www.hotelpalazzosantelena.it>

Via Vincenzo della Rocca 4 - Foggia

Phone: (+39) 0881 726073

single room: € 60-70 double room: € 60-80

Nearby touristic places:**Barletta – 60 Km southern from Foggia****Trani – 70 Km southern from Foggia**