

# Francesco Valentini - Curriculum Vitæ

## Personal Details

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Facoltà di Economia "G. Fuà",  
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## Current Position

Postdoctoral Fellow in Econometrics (SECS/P-05)  
Project: "Conditional inference for discrete panel data models"  
Tutor: Dr. Claudia Pigini  
Department of Economic and Social Sciences, Marche Polytechnic University, Ancona, Italy

## Education

19/03/2020 - Ph.D. in Economics, Marche Polytechnic University  
Doctoral thesis: "Three Essays on the Conditional Inference Approach for Binary Panel Data Models"  
Supervisors: Prof. Francesco Bartolucci and Dr. Claudia Pigini  
24/10/2015 - Master's Degree in Economics and Finance, Marche Polytechnic University,  
110/110 magna cum laude  
19/10/2012 - Bachelor's Degree in Economics and Business, Marche Polytechnic University,  
99/110

## Publications

### *Conference Proceedings*

Chiara Casoli, Luca Pedini and Francesco Valentini. "Spatial models in gretl: the SPM package" in *GRETl 2019. Proceedings of the International Conference on the Gnu Regression, Econometrics and Time-series Library*, 10.6093/978-88-6887-057-7, 2019

## Conference/Workshop Talks

2021 - 9th Italian Congress of Econometrics and Empirical Economics, Cagliari [Web].  
Presentation: "Partial effects estimation for fixed-effects logit panel data models"  
2019 - 7th SiDe Workshop for PhD students in Econometrics and Empirical Economics, Bertinoro.  
Presentation: "A conditional approach to testing for endogenous sample and self-selection in fixed-effects logit panel data models"  
2019 - 6th gretl Conference, Naples.  
Presentation: "Spatial models in gretl: the SPM package"

## Software Components

Francesco Bartolucci, Claudia Pigini and Francesco Valentini. `cquad`: Conditional Maximum Likelihood for Quadratic Exponential Models for Binary Panel Data. R package, 2019.

<https://cran.r-project.org/package=cquad>

Francesco Bartolucci, Claudia Pigini and Francesco Valentini. `cquadr`: run the `cquad` R package in Stata. Stata package, 2019.

<https://github.com/fravale/cquadr>

Chiara Casoli, Luca Pedini and Francesco Valentini. `spm`: Spatial Regression Models. `gretl` Function Package, 2019.

[http://ricardo.ecn.wfu.edu/gretl/cgi-bin/current\\_fnfiles/spm.zip](http://ricardo.ecn.wfu.edu/gretl/cgi-bin/current_fnfiles/spm.zip)

## Teaching

2020/21 - Teaching assistant: “Economia Politica I” (Microeconomics), Bachelor’s Degree in Economics and Business, Marche Polytechnic University

2019/20 - Associate Lecturer (Docente a Contratto) of “Economic and Financial Time Series Analysis”, Master’s Degree in Finance and Quantitative Methods for Economics, Department of Economics, University of Perugia, Perugia, Italy

2019/20 ~ 2020/21 - Teaching assistant: “Microeconometrics” (coordinator: Prof. Matteo Picchio), Ph.D. in Economics, Marche Polytechnic University

2019/20 ~ 2020/21 - Teaching assistant: “Time Series Econometrics” (coordinator: Prof. Giulio Palomba), Ph.D. in Economics, Marche Polytechnic University

2020 - Teaching assistant: “Practice sessions in R” (coordinators: Prof. Riccardo Lucchetti and Prof. Maria Cristina Recchioni) Specialization Course in Data Science for Enterprises, Istituto Adriano Olivetti, Ancona, Italy

2016/17 ~ 2018/19 - Tutor of “Economia Politica I” (Microeconomics), Bachelor’s Degree in Economics and Business, Marche Polytechnic University

## Other Experiences

02/2019 ~ 07/2019 - Visiting Ph.D. student at Università degli Studi di Perugia, courses attendance:

“Gaussian Mixture Models for Model Based Clustering and Classification”, Prof. Luca Scrucca

“Introduction to Latent Variable Models”, Prof. Francesco Bartolucci

2019 - 8th Italian Congress of Econometrics and Empirical Economics, Lecce, Italy

2018 - 1st Italian Workshop of Econometrics and Empirical Economics, Milan, Italy

## Languages

Italian: Mother tongue

English: Upper Intermediate, Cambridge First Certificate in English (B2 Level)

German: Basic, basic words and phrases only

## Computer Skills

Operating Systems: GNU/Linux, Microsoft Windows

Text Editing and Office Skills:  $\text{\LaTeX}$ , LibreOffice, Microsoft Office

Software: R, gretl, STATA

Last update: February 4, 2021