Dr. ANDREA DE ANGELIS

CONTACT INFORMATION

Senior researcher and lecturer UNIVERSITY OF LUCERNE

Co-initiator Lucerne MA in Computational Social Science

address   University of Lucerne · Frohburgstrasse 3, Raum 3.B11

6002 Lucerne · Switzerland

email   andrea.deangelis@unilu.ch

website   Lucerne University - Personal

RESEARCH INTERESTS

Political Behaviour, Political Methodology, Political Communication, European Politics, Italian Politics.

EDUCATION

June 2017   Ph.D. EUROPEAN UNIVERSITY INSTITUTE

EUI   Doctor of Political and Social Sciences
Examining board: Prof. Alexander H. TRECHSEL (European University Institute, supervisor), Prof. Hanspeter Kriesi (European University Institute), Prof. Russell J. Dalton (University of California), Prof. David Farrell (University College Dublin)

July 2013   M.Res. EUROPEAN UNIVERSITY INSTITUTE

EUI   Master of Research in Sociology and Political Science.
Prof. Alexander H. TRECHSEL · European University Institute

July 2012   M.Sc. UNIVERSITY OF SIENA

Siena   Master of Science in Comparative Politics.
Prof. Paolo BELLUCCI · University of Siena

March 2010   M.Sc. BOCCONI UNIVERSITY

Bocconi   Master of Science in Economics and Social Sciences.
Prof. Sandro ROVENTI · Bocconi University

May 2007   B.Sc. UNIVERSITY OF PERUGIA

Uni Perugia   Laurea Triennale (eq. Bachelor of Science) in Economics.
Prof. Pierluigi GRASSELLI · University of Perugia

PUBLICATIONS

Forthcoming   De Angelis, A. (2019). *How Voters Distort their Perceptions and Why this Matters*. Chapter prepared for the *Oxford Handbook on Electoral Persuasion*, forthcoming.

June 2019   De Angelis, A., Colombo, C., and Morisi, D. (2019). *Taking Cues from the Government: Heuristic versus Systematic Processing in a Constitutional Referendum*. West European Politics, accepted for publication.

May 2019   Silva, F. F., Garzia, D., and De Angelis, A. (2019). *From Party to Leader Mobilization? The Personal-*

ization of Voter Turnout. Party Politics, forthcoming.
Link: https://journals.sagepub.com/eprint/WMWGTJU5BJRDZCEVVPB9/full

June 2017 De Sio, L., De Angelis, A, and Emanuele, V. (2017). *Issue yield and party strategy in multi-party competition*. Comparative Political Studies, first online 10 September 2017.
Link: http://journals.sagepub.com/doi/abs/10.1177/0010414017730082 [2 November 2017]

March 2017 Garzia, D., Trechsel, A.H., and De Angelis, A. (2017). *Voting Advice Applications and Electoral Participation: A Multi-Method Study*. Political Communication, Vol. 34(3): 424-443.
Link: http://www.tandfonline.com/doi/abs/10.1080/10584609.2016.1267053?journalCode=upcp20 [4 April 2017]

Sept. 2016 Garzia, D. and De Angelis, A. (2016). *Partisanship, Leaders Evaluations and the Vote: Disentangling the new Iron Triangle in Electoral Research*. Comparative European Politics, Vol. 14 (5): 604-625.
Link: http://link.springer.com/article/10.1057/cep.2014.36 [26 September 2016]

Jan. 2015 Garzia, D., Trechsel, A.H., De Sio, L., and De Angelis, A. (2015). *euandi: Project Description and Datasets Documentation*. Robert Schuman Centre for Advanced Studies (RSCAS) Research Paper Series. Research Paper No. RSCAS 2015/01
Link: http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2553919 [23 February 2016]

June 2014 Garzia, D., De Angelis, A., and Pianzola, J. (2014). *The Impact of Voting Advice Applications on Electoral Participation*. In: Garzia, D. and Marschall, S. (Eds.), *Matching Voters with Parties and Candidates: Voting Advice Applications in a Comparative Perspective*. Colchester (UK): ECPR Press.
Link: http://press.ecpr.eu/book_details.asp?bookTitleID=104 [23 February 2016]

Dec 2013 De Angelis, A. and Garzia, D. (2013). *Individual level dynamics of PTV change across the electoral cycle*. Electoral Studies, Vol. 32 (4): 900 - 904.
Link: http://www.sciencedirect.com/science/article/pii/S0261379413000917 [23 February 2016]

Sept 2013 Bellucci, P., and De Angelis, A. (2013). *Government Approval in Italy: Political Cycle, Economic Expectations and TV Coverage*. Electoral Studies, Vol. 32 (3): 452 - 459.
Link: http://www.sciencedirect.com/science/article/pii/S0261379413000644 [23 February 2016]

TEACHING AND ACADEMIC EXPERIENCE

Dec 2018 – Present MICAP - Media, Information Consumption and Politics

Luzern Univ. Full-time post-doctoral researcher.

Sept 2018 – Present Co-Initiator LUMASS - Lucerne Master in Computational Social Science

Luzern Univ. Co-Initiator of the Lucerne Master in Computational Social Sciene. Scientific advisor, program structure and definition of the seminars.

June 2019 Replicable Research and Reporting in R

Luzern Univ. Instructor, PhD-level workshop "Replicable Research and Reporting in R". Replication crisis and the importance of replicability in research. Structuring large research projects to achieve full replicability; reporting in R markdown; introduction to using Git and Github.

May 2019 Advanced Regression Analysis in R

Luzern Univ. Instructor, PhD-level workshop "Advanced Regression Analysis in R". Main topics: Generalized Linear Model with linear and nonlinear relations, using Monte Carlo simulations to predict arbitrary quantities of interest.

Jan 2019 – May 2019 Replication Seminar: Doing Research in Practice!

Lucerne Univ. Instructor, Master-level seminar "Replication Seminar: Doing Research in Practice!". The purpose of the seminar is to facilitate the task of students that are keen on developing an empirical project

in their Master theses. This seminar is designed to fill the gap between the students final works and the classic methods seminars, while offering a service to the scientific community to contrast the replication crisis, by double-checking and re-testing published scientific evidence.

Oct 2018   Introduction to R for Data Analysis

Luzern Hochschule

Instructor, Master-level workshop "Introduction to R for Data Analysis". R workshop providing an introduction to the R programming language. Main topics: R operators, data types, functions, control structures, data manipulation (base R and dplyr), basic statistical analysis, elements of more advanced issues (generalized linear model, Bayesian hierarchical modeling, text mining, research replicability).

Sept 2018 – Dec 2018   Research Design in a Quantitative Perspective

Lucerne Univ.

Instructor, master seminar "Research Design in a Quantitative Perspective". In this seminar the students are guided through some of the most fundamental social science methods: the comparative, the statistical, and the experimental method. Class discussions develops around the key topics of inference and measurement, to let students appreciate the full potential of quantitative methods for descriptive, predictive and causal inference. Key problems such as endogeneity, measurement error, and selection bias are also presented and discussed. The course includes applied sessions where students can familiarize with statistical methods using R.

Sept – Dec 2018   Introduction to Political Sociology

Lucerne Univ.

Instructor, master seminar "Introduction to Political Sociology". This seminar focuses on the fundamental socio-economic conflicts affecting the development of political systems, encouraging students to reflect on the most salient factors of political change in order to foster their understanding of contemporary social and political divisions. A key concept in the seminar's discussion is represented by social cleavages. Students are guided through the classic account of cleavage politics (Lipset and Rokkan 1967), in order to understand the fundamental social cleavages in industrial societies, before moving on to the more recent research on political change in post-industrial societies. The last part of the seminar digs into the erosion of the representative function of European party systems and the recent populist uprising.

Apr 2018   R workshop

Graduate School of Lucerne (GSL)

Instructor, PhD workshop "Introduction to R for Data Analysis". R workshop providing an introduction to the R programming language. Main topics: R operators, data types, functions, control structures, data manipulation (base R and dplyr), basic statistical analysis, elements of more advanced issues (generalized linear model, Bayesian hierarchical modeling, text mining, research replicability).

Jan 2017 – May 2018   Replication Seminar

Lucerne Univ.

Instructor, master "Replication Seminar". The purpose of the seminar is to facilitate the task of students that are keen on developing an empirical project in their Master theses.

Jan 2017 – May 2018   Comparing Media Systems

Lucerne Univ.

Instructor, master seminar "Comparing Media Systems". The purpose of the seminar is to understand the evolution of media systems in the Western world. The seminar traces the change of the media environment from the appearance of the Radio, to broadcast TV, to cable and satellite TV, to the Internet and the spreading of new media. Special attention is devoted to understanding the connections between the media and the formation of citizens' opinions.

Sept 2017 – Dec 2017   Research Design in a Quantitative Perspective

Lucerne Univ.

Instructor, master seminar "Research Design in a Quantitative Perspective" [co-instructor Prof. Alexander H. Trechsel]. In this seminar the students are guided through some of the most fundamental social science methods: the comparative, the statistical, and the experimental method.

Sept 2017 – Dec 2017   Introduction to Political Sociology

Lucerne Univ.

Instructor, master seminar "Introduction to Political Sociology". This seminar focuses on the fundamental socio-economic conflicts affecting the development of political systems, encouraging students to reflect on the most salient factors of political change in order to foster their understanding of contemporary social and political divisions.

Jan 2017 – May 2017   Introduction to Political Communication Research

Lucerne Univ.   Instructor, master seminar "Introduction to Political Communication Research". Students are introduced to Political Communication research by replicating in class a selection of recent papers. The substantive contribution of the proposed papers is reviewed in the light of replicated findings, empirical extensions and robustness tests using replication data.

Sept 2015 – Jul 2016   STATA tutor — EUI

EUI   STATA research software tutor of the European University Institute. Details *here*.

Oct 2014   Teaching training — EUI

EUI   Teaching in higher education course offered by the European University Institute.

SUPERVISION · The list is limited to excellent theses

April 2019   MA Thesis

Title: Why Swiss Political Satire Matters (Most).

March 2019   MA Thesis

Title: Analysis of Swiss Election Manifestos of the 21st Century: a Qualitative Assessment of Visual Hermeneutics.

March 2019   BA Thesis

Title: Investigating Climate Change. An application of Structural Topic Modeling to U.S. and Canadian news (1995-2010).

October 2018   BA Thesis

Title: Disentangling the Relationship between Personality, Genetics, and Political Ideology. Summary: analysis of twin-study data to separate genetic and environmental determinants of ideology.

August 2018   MA Thesis

Title: Child Marriage as an Obstacle to Achieving Sustainable Dvelopment Goals?.

April 2018   Master Thesis

Title: The Effect of New Media on Negative Campaigning Advertising: Televised and Online Advertising during the 2016 U.S. Presidential Elections. Summary: new cross-media text corpus covering political ads during the 2016 presidential campaign. Automated content analysis to extract negativity scores and scores mapping fear and anger, thus distinguishing the type of negativity. Classification of ads into issue and candidate-oriented

GRANTS AND DISTINCTIONS

Sep-Dec 2015   FULBRIGHT-SCHUMAN GRANT

Fulbright   Fulbright-Schuman award jointly financed by the Directorate-General for Education and Culture of the European Commission and the United States Department of State (€ 10,000). Details *here*.

July 2015   Visiting Researcher — GESIS - EUROLAB

Eurolab   Visiting researcher at the European Data Laboratory for Comparative Social Research, GESIS - Leibniz Institute for the Social Sciences in Cologne (Germany). Details *here*.
Reference: Prof. Dr. Ingvill C. MOCHMANN · GESIS - Eurolab

Sep-Feb 2006   Erasmus scholarship — UNIVERSIDAD CASTILLA-LA MANCHA

Erasmus   ERASMUS project scholarship, Universidad de Castilla-La Mancha, Toledo, Spain.

CURRENT RESEARCH

Bridging Troubled Water: Electoral Availability in European Party Systems in the Aftermath of the Great Recession (2009-2014). An Application of Bayesian Ideal Point Estimation. Working paper.

Panem et Circenses: Soft and Hard News TV Coverage in Berlusconi's Italy. With Alessandro Vecchiato (New York University). Paper under review at American Political Science Review.

Making Up One's Political Mind. Party Cues vs. Self-Persuasion in the Brexit Referendum. With Alexander H. Trechsel, Davide Morisi, Diego Garzia, and Kristjan Vassil. Working paper.

The Words that People Want: A Quantitative Text Analysis of the Five Stars Movement's Political Discourse. Working paper.

Taking cues from the government? The effect of heuristic cues versus policy arguments in the Italian constitutional referendum. With Dr. Celine Colombo (University of Zurich) and Dr. Davide Morisi (European University Institute). Revise and resubmit at West European Politics.

CONFERENCE PAPERS AND INVITED TALKS

WPSA 2018

March 2018 — *Making Up One's Political Mind. Party Cues vs. Self-Persuasion in the Brexit Referendum*. Co-authored with Alexander H. Trechsel, Davide Morisi, Diego Garzia, and Kristjan Vassil. Paper presented at the 2018 WPSA conference, San Francisco CA, 30 March 2018.

SPSA 2018

February 2018 — *Panem et Circenses: Soft and Hard News TV Coverage in Berlusconi's Italy*. Paper presented at the 2018 Swiss Political Science Association conference, Geneva, 5-6 February 2018.

SISP 2017

September 2017 — Panel organizer: *Words that Matter: Exploring the Pitfalls and Opportunity of Studying Political Text*. Panel organized for the 2017 Italian Political Science Association conference, Urbino, 14-16 September 2017.

SISP 2017

September 2017 — *The Words that People Want: A Quantitative Text Analysis of the Five Stars Movement's Political Discourse*. Paper presented at the 2017 Italian Political Science Association conference, Urbino, 14-16 September 2017.

EPSA 2017

June 2017 — *Bridging Troubled Water: Electoral Availability in European Party Systems in the Aftermath of the Great Recession (2009-2014). An Application of Bayesian Ideal Point Estimation*. Paper presented at the 2017 EPSA conference, Milan,22-24 June 2017.

POPE 2017

Feb 2017 — *Taking cues from the government? The effect of heuristic cues versus policy arguments in the Italian constitutional referendum*. With Celine Colombo (University of Zurich) and Davide Morisi (European University Institute), paper presented at the conference "Referendum costituzionale 2016. Elettori, partiti e media nella "Seconda Repubblica", organized by the standing group on Parties, Public Opinion and Elections (POPE) of the Italian Society of Political Science (SISP) and the Italian Society of Electoral Studies (SISE), Rome (La Sapienza University), 9-10 February 2017.

SISP 2016

Sept 2016 — *A Test of Media Capture by Using Machine-Learning Techniques, Evidence from Italian Television News 2010-2014*. With Alessandro Vecchiato (New York University), paper presented at the 2016 Italian Society of Political Science, Milan, 15-16-17 September 2016.

ECPR 2016

Sept 2016 — *Geographical variations of issue attitudes? Evidence from a geo-localized Voting Advice Application*. With

Prof. Lorenzo De Sio (LUISS University), Professor Alexander Trechsel (Lucerne University), Dr. Diego Garzia (Lucerne University). Paper presented at the 2016 ECPR Conference, Prague 7-10 September 2016.

MPSA 2016

April 2016 *How Parties Strategically Select Issues According to Issue Yield: A Case Study Linking Survey and Twitter Data*. With Professor Lorenzo De Sio and Dr. Vincenzo Emanuele. Paper presented at the Midwest Political Science Association Conference (7-10 April 2016, Chicago).

ECPR 2014

Sept 2014 *Changing Media, Changing Voters: Investigating the Relationship between Media Fragmentation and Political Polarization in 26 European Elections (1989-2009)*. ECPR General Conference, Glasgow, 3 - 6 September 2014.

ISPP 2014

July 2014 *Economic Voting: Investigating Accountability or Partisan Rationalization?* Annual Meeting of the International Society of Political Psychology, Rome (Italy), 4 - 7 July 2014.

EPSA 2013

July 2013 *Media, Economics, and the Vote Function in Italy (2011-2013)*. Paper co-authored with Paolo Bellucci, 3rd Annual Conference of the European Political Science Association, Barcelona, 20-22 June 2013.

SIComPol 2012

Dec 2012 *Government Approval in Italy: Political Cycle, Economic Expectations and TV Coverage*. Paper co-authored with Paolo Bellucci. Annual Meeting of the Italian Political Communication Society, Turin (Italy), 13 - 15 December 2012.

ELECDEM 2012

June 2012 *Short-term political attitudes and PTVs Preliminary evidence from the Italian case*. Paper co-authered with Diego Garzia. ELECDEM Closing Conference, European University Institute, Fiesole (Italy), 28 - 30 June, 2012.

ETMAAL 2012

Dec 2011 *It's the Partisan Economy, Stupid! Untangling the Relationships between Economic Voting and Partisan Attitude*. 11th Dutch-Flemish Politicologenetmaal, Amsterdam, 31 May - 1 June 2012.

TEV 2011

Dec 2011 *Between a Rock and a Hard Place: Dealing with the Economic Explanation of Voting Choice*. 1th True European Voter Conference on Comparative Electoral Research (Sofia, Bulgaria), 1-3 December 2011. COST Action IS0806 grant.

TEV 2011

Dec 2011 *Partisanship, Leader Evaluatons, and the Vote: Breaking the new Iron Triangle in Electoral Research*. Paper co-authored with Diego Garzia. 1th True European Voter Conference on Comparative Electoral Research (Sofia, Bulgaria), 1-3 December 2011. COST Action IS0806 grant.

SISP grad. 2011

June 2011 *Constructing the European Political Identity: the Effect of Cultural Heterogeneities.* SISP (Italian Society of Political Science) Graduate Conference (Turin, Italy).

PROFESSIONAL SERVICE ACTIVITIES

Peer reviewer for academic journals: American Journal of Political Science, Journal of Politics, Party Politics, Policy and Internet, Contemporary Italian Politics.

Section chair: 2016 Graduate Student Conference, University of Tartu, Section in Comparative

Politics titled "Stress testing Europe: challenges and outcomes of the economic, political, and humanitarian crisis".

Organizer EUI workshop on media effects. 6-7 June 2016, details here.

Convenor EUI Political Economy working group. Academic year 2013-2014.

RESEARCH AND ACADEMIC EXPERIENCE

Current   Senior Researcher and Lecturer — UNIVERSITY OF LUCERNE

Lucerne Univ.   Senior Researcher and Lucturer. Details *here*.

Jan-Mar 2016   Junior Visiting Scholar — NUFFIELD COLLEGE

Oxford Univ.   Junior Visiting Scholar at Nuffield College, University of Oxford, under the supervision of Professor Raymond Duch. Details *here*.

Dec 2015 – Jan 2016   Research Assistant — SOCIETLY

Societly   Research assistant for Societly, the Voting Advice Application for the 2016 U.S. Democratic and Republican primaries Societly.

Sep-Dec 2015   Fulbright-Schuman visiting Junior Scholar — NYU

NYU   Fulbright-Schuman visiting junior scholar at WILF Family Department of Politics - New York University, under the supervision of Professor Jonathan Nagler. Participation to the activities of the Social Media and Political Participation Laboratory (SMaPP Lab).

Nov 2013 – Jun 2014   Italy Team Leader — **eu**and**i** 2014

EUI   Italian team leader and media referent for **eu**and**i**, the Voting Advice and community building Application for the 2014 European Parliament elections. Project details *here*.
Reference: Prof. Alexander H. TRECHSEL · EUI · Alexander.Trechsel@eui.eu

Jan - Feb 2013   Research Assistant — VOTE MATCH 2013

ITANES   Country expert for the 2013 Italian general elections Voting Advice Application Vote Match, in collaboration with the Italian National Election Studies Association (ITANES).
Reference: Prof. Paolo BELLUCCI · ITANES · paolo.bellucci@unisi.it

Nov 2012–Feb 2013   Research Assistant — EUROPEAN UNIVERSITY INSTITUTE

EUI   Research assistantship and data collection on Italian technocratic governments.
Reference: Prof. Pepper CULPEPPER · EUI · pepper.culpepper@eui.eu

Nov 2011–Feb 2012   Teaching Assistant — UNIVERSITY OF SIENA

Siena Univ.   Teaching the module in Political Methodology for the course in Political Science, BA program in Political Science, University of Siena. Teaching activities included the preparation of teaching material, class presentations, office hours, preparation and correction of the final exam.
Reference: Prof. Maurizio COTTA · University of Siena · cotta@unisi.it

Nov 2011–Feb 2012   Research Assistant — LISBON UNIVERSITY

Lisbon Univ.   Research Assistant for the "Centre for Research and Studies in Sociology" (CIES), Lisbon University Institute. Data collection on political pledges and legislative for the Italian second republic.
Reference: Dr. Catherine MOURY · University of Lisbon · catherine.moury@fcsh.unl.pt

Nov 2010–Jun 2012   Research Assistant — UNIVERSITY OF SIENA

Siena Univ.   Dataset and codebook preparation for the Transatlantic Trends Survey (TTS).
Reference: Pierangelo ISERNIA · University of Siena · isernia@unisi.it

Nov 2010–Feb 2012   Assistant — LAPS, UNIVERSITY OF SIENA

LAPS, Siena Assistant for the Laboratory on Social and Political Analysis Analysis (LAPS). Collaboration with various projects including data collection for the Italian Nation Election Survey (ITANES) and deliberative events for the Tuscany Region.
Reference: Francesco OLMASTRONI University of Siena · olmastroni3@unisi.it

Sep – Dec 2009 Cooperant — ANED (La Paz, Bolivia)

ANED Cooperant in Research and Development Department. Main activities: market research and strategic planning of microfinancial products in the diary sector.
ASOCIACIÓN NACIONAL ECUMENICA DE DESARROLLO (ANED), La Paz (Bolivia)

SELECTION OF TRAINING COURSES

2015-2016 NEW YORK UNIVERSITY

Quantitative Methods III: Maximum Likelihood Estimation, Generalized Linear Model, Bayesian inference, MCMC methods, Bayesian analysis of hierarchical/multilevel models, Bayesian latent variable modelling, mixture models, generalized additive models. Textbooks: S. Jackman "Bayesian Analysis for the Social Science"; A. Gelman and J. Hill "Data Analysis Using Regression and Multilevel/Hierarchical Models". Software: R, STAN. Professor Arturas ROZENAS.

The Spatial Model: Formal models of electoral competition and agenda control, empirical models of spatial voting (NOMINATE, IDEAL, mixed data). Software for applications: R. Professor Howard ROSENTHAL.

Text Analysis using R. Text data processing relying on the QUANTEDA package, topic modelling, latent semantic analysis. Professor Kenneth BENOIT and Dr. Paul NULTY. An illustrative application of Structural Topic Modelling to the entire blog of the Italian Five Stars' Movement can be found here.

2015 Fulbright Enrichment Seminar "Democracy in Action" on U.S. Politics and Elections: U.S. presidential election process, implications of changing media landscape for U.S. 2016 elections, U.S. election simulation. Professors Daron SHAW, Sean THERIAULT, and Dr. James HENSON (Seminar sponsored by the United States Department of State).

2012-2014 EUROPEAN UNIVERSITY INSTITUTE

Advanced research design: design-based inference topics, experiments and methods for causal inference. Professors Fabrizio BERNARDI and Diego GAMBETTA.

Causal inference workshop: potential outcome framework, applied estimation techniques (diff-in-diff, instrumental variable regression, regression discontinuity). Software for applications: STATA. Professor Fabrizio BERNARDI and Dr. Elias DINAS.

Research skills for the world of Big Data: Voting Advice Applications, social media and political participation, web scraping (RSS and HTML), text processing, Twitter API. Software for applications: PYTHON. Professor Alexander TRECHSEL and Dr. Jonathan BRIGHT.

The political consequences of the Great Recession. Origins and consequences of the crisis, comparison with the Great Depression of the 1930s, governments' reactions to the Euro Crisis, electoral consequences of the crisis, reactions in the protest arena, citizens preference structures and party mobilization. Professor Hans-Peter KRIESI.

The Welfare State and the Radical Right. Professor Hans-Peter KRIESI.

Advanced Qualitative Methods. Professors Pepper CULPEPPER and Andrew O. BENNETT.

2010-2011 UNIVERSITY OF SIENA

Comparative Political Behaviour: civic culture, social capital, social-psychological and rational theories of vote, forecasting elections. Software for applications: STATA. Professor Paolo BELLUCCI.

Comparative Political Institutions: political parties, party systems, parliaments and governments in the EU. Professors Jean BLONDEL and Luca VERZICHELLI.

Quantitative Methods for political Science: regression analysis, limited dependent variables models, simultaneous equations models, panel data models. Software for applications: STATA. Professor Michael S. LEWIS-BECK.

2007-2009 BOCCONI UNIVERSITY

Political Economics: formal models of probabilistic voting, credibility, reputation, optimal taxation, welfare state, labour market, public debt, redistribution. Main textbook: T. Persson and G. Tabellini "Political Economics: Explaining Economic Policy". Professors Alberto ALESINA and Guido TABELLINI.

Advanced Statistics for Economics and Social Sciences: data reduction, order statistics, delta method, exponential family, Newton-Rapson algorithm, EM algorithm, Maximum likelihood estimation, introduction to Bayesian inference. Software for applications: MATLAB. Textbook: G. Casella and R. Berger "Statistical Inference". Professor Piero VERONESE.

Advanced Mathematics for Economics and Social Sciences: Differential calculus, discrete dynamical systems, difference equations, linear difference systems, optimal control in continuous and discrete time. Software for applications: MATLAB. Professor Annamaria SQUELLATI.

LANGUAGE SKILLS

Italian	Native speaker
English	Proficient user: reading ($C1$), writing ($C1$), speaking ($C1$)
Spanish	Proficient user: reading ($C1$), writing ($C1$), speaking ($C1$)
French	Basic user: reading ($B1$), writing ($A2$), speaking ($A2$)

PROGRAMMING SKILLS

Proficient	R, STATA, JAGS, GIT, LATEX, MARKDOWN
Used in the past	PYTON, STAN, MATLAB

GENERAL INTERESTS

Scouting · guitar · vintage Vespas · bicycle travelling · surfing · skiing.

June 20, 2019