Dr. ANDREA DE ANGELIS

Senior researcher and lecturer University of Lucerne

Co-founder Lucerne MA in Computational Social Science

RStudio certified instructor

Associate Editor Frontiers in Political Science

CONTACT INFORMATION

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6002 Lucerne · Switzerland

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RESEARCH INTERESTS

Political Sociology, Political Psychology, Political Communication, Quantitative Research Methods.

EDUCATION

June 2017 Ph.D. European University Institute

EUI Doctor of Political and Social Sciences. Thesis title: "Bridging Troubled Water: Electoral Availability in European Party Systems in the Aftermath of the Great Recession (2009-2014). An Application of Paverian Ideal Point Estimation"

of Bayesian Ideal Point Estimation".

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.

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

Morisi, D., Colombo, C. and De Angelis, A. (2019). Who is afraid of a change? Ideological differences in support for the status quo in direct democracy. Journal of Elections, Public Opinion and Parties. Forthcoming.

Link: https://www.tandfonline.com/eprint/FUFDVHAT3U5FKX3HGWQC/full?target=10.1080/17457289. 2019.1698048

Nov. 2019 De Angelis, A. (2019). *How Voters Distort their Perceptions and Why this Matters*. In: Suhay, E., Grofman, B., and Trechsel, A., *The Oxford Handbook of Electoral Persuasion*.

Link: https://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780190860806.001.0001/oxfordhb-9780190860806-e-55

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, forthcoming. Link: https://www.tandfonline.com/doi/full/10.1080/01402382.2019.1633836

May 2019 Silva, F., Garzia, D., and De Angelis, A. (2019). From Party to Leader Mobilization? The Personalization of Voter Turnout. Party Politics, forthcoming.

Link: https://journals.sagepub.com/eprint/WMWGTJU5BJRDZCEVVPB9/full

August 2018 De Sio, L., De Angelis, A, and Emanuele, V. (2017). Issue yield and party strategy in multi-party competition. Comparative Political Studies, Vol. 51(9): 1208-1238.

Link: http://journals.sagepub.com/doi/abs/10.1177/0010414017730082

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

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

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

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

GRANTS AND DISTINCTIONS

Jan-Apr 2016 Visiting Scholar Fellowship, Oxford University

Oxford Univ. Visiting Scholar at Nuffield College, Oxford University.

Sep-Dec 2015 Fulbright-Schuman Grant, NYU

NYU 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). Social Media and Political Participation Lab, New York University, Wilf Family Department of Politics.

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

EMPLOYMENT HISTORY

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

Uni Lucerne Post-doctoral Researcher at the SNF Project "Media, Information Consumption and Politics". Prin-

cipal Investigator and advisor: Prof. Alexander H. Trechsel.

Sept 2016 – Nov 2018 Senior Researcher and Lecturer (Oberassistant)

Uni Lucerne Department of Political Science, University of Lucerne. Advisor: Prof. Alexander H. Trechsel.

Jan 2018 – June 2019 Personalization of Politics between Television and the Inter-

net

Uni Lucerne Post-Doctoral Researcher at the SNF-Ambizione Project "Personalization of Politics between Television and the Internet", Department of Political Science, University of Lucerne. Advisor: Prof.

Diego Garzia.

ACADEMIC EXPERIENCE AND INSTITUTIONAL RESPONSIBILITIES

Jan 2020 – Present Associate Editor for Frontiers In Political Science

Frontiers Associate Editor for Frontiers In Political Science, Gold Open-Access peer-reviewed scientific jour-

nal.

Sept 2019 – Present Initiator of the R User group in Lucerne.

Luzern Univ. Initiator of the local R USer group in Lucerne, in collaboration with the Gradudate School of

Lucerne.

Sept 2018 – Present Co-Founder LUMASS - Lucerne Master in Computational

Social Science

Luzern Univ. Co-Initiator of the Lucerne Master in Computational Social Sciene (LUMACSS), in partnership

with the Harvard's Berkman Klein Center for Internet and Society. Scientific advisor and design

of the program structure.

SUPERVISION OF JUNIOR RESEARCHERS

Jan 2017 – Present Thesis supervision

Luzern Univ. Since January 2017 I have acted as main supervisor for four BA-level and seven MA-level theses on various themes in political communication, comparative politics, and political sociology.

TEACHING EXPERIENCE

Feb 2020 Introduction to R for Data Science

Campus Lucerne PhD-level workshop "Introduction to R for Data Science".

Jan 2020 Data Access

Uni Milan

MA-level course on "Data Access". Mining data from the web in R. Reproducibility, Git and Github, HTML language, URLs, HTTP protocol (GET, POST), CSS and XPath selectors, JSON and XML, regexprs, R programming, web-based REST APIs.

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.

CONFERENCE PAPERS AND INVITED TALKS

Neuchatel 2020

March 2020

Computational Social Science: a tale of three revolutions. Invited talk at the University of Neuchatel, part of the 'Digital Skills Ateliers', 5th of March 2020, University of Neuchatel.

ISPP 2019

July 2019

Three papers presented: From group to leader-follower dynamics of electoral mobilization?: The decline of partisan attachments and the personalization of Voter Turnout; Reassessing charismatic leadership: Leader effects and voting for the populist radical right; and Tell me what I want to hear: disentangling the relationship between cognitive styles, media preferences, and attitudinal polarization. 42nd Annual Conference of the International Society of Political Psychology, Lisbon, 12-15 July 2019.

June 2019

Tell me what I want to hear: disentangling the relationships between cognitive styles, media preferences and attitudinal polarization. Paper presented at the 9th Annual Conference of the European Political Science Assiciation, Belfast 20-22 June 2019.

EPSA 2019

July 2019

Tell me what I want to hear: disentangling the relationships between cognitive styles, media preferences and attitudinal polarization. Paper presented at the 9th Annual Conference of the European Political Science Assiciation, Belfast 20-22 June 2019.

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.

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 coauthored 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 ISo806 grant.

TEV 2011

Dec 2011

June 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 ISo806 grant.

SISP grad. 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, Political Analysis, Party Politics, West European Politics, Swiss Political Science Review, Electoral Studies, Policy and Internet, Journal of Elections, Public Opinion and Parties, 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.

CURRENT RESEARCH

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

Leaders without Partisans: Dealignment, Media Change, and the Personalization of Politics.

With Diego Garzia and Frederico Ferreira da Silva). Book proposal currently under review at Oxford University Press.

Tell Me What I Want to Hear: Disentangling the relationship between cognitive styles, media preferences, and attitudinal polarization. With Alexander H. Trechsel. Working paper.

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

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

SHORT-TERM COLLABORATIONS AND INTERNATIONAL VISITING EXPERIENCES

Jan-Mar 2016 Junior Visiting Scholar — NUFFIELD COLLEGE

Oxford Univ. Junior Visiting Scholar at Nuffield College, University of Oxford. Advisor: Prof. Raymond Duch.

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.

Jun-July 2015 Visiting Researcher — GESIS

GESIS Eurolab, Leibniz Intitute for the Social Science, Cologne, Germany.

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.

Nov 2013 - Jun 2014 Italy Team Leader — euandi 2014

EUI Italian team leader and media referent for **eu**andi, 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

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

SELECTION OF TRAINING COURSES

ITANES

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-indiff, 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. 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.

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 \cdot bicycle travelling \cdot surfing \cdot skiing.

March 9, 2020