

Personal Information

Born: December 19th, 1991 in Cagliari (Italy)

Citizenship: Italian

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Current Position

2023 - on going **Ph.D.Assistant Professor (Non Tenured/RTDa)**, DEPARTMENT OF POLITICAL AND SOCIAL SCIENCES, Cagliari

Financed within the Italian National Recovery and Resilience Plan (NRRP) project: e.INS Ecosystem of Innovation for Next Generation Sardinia - Spoke 7 - CUP F53C22000430001 - MUR: ECS00000038

Education and Visiting research activities

08/2021 **Summer School in Social Statistics**, *University of Padova, Free University of Bolzano*

02/2021 **Introduction to Finite Mixture Models and Latent Class Analysis**, *University of Cagliari - PhD School of Mathematics and Computer Science, University of Cagliari*

01/2021 **Winter School Doing Research with Social Network Analysis: Tools, Theories, and Applications**, *University of Greenwich - NUSC*

2016 - 2020 **PhD program in Economics and Business**, *University of Cagliari, Cagliari*
Final grade: Excellent.

02 - 06/2018 **Visiting researcher**, CENTRE FOR EUROPEAN ECONOMIC RESEARCH (ZEW), Mannheim,
Local advisor: Dr. Zareh Asatryan
Department of Public Finance and Corporate Taxation.
Empirical Tax research course, University of Mannheim.
Topics in International Taxation and Fiscal competition course, University of Mannheim.

09 - 12/2017 **Visiting PhD student**, UNIVERSITÀT AUTONOMA DE BARCELONA, Barcelona, Local advisor:
Prof. Joan Llull
Microeconometrics course, IDEA program.

09/2017 **Postgraduate Course "Panel Data Econometrics: Theory and Application"**, *SIIE (Società Italiana degli Econometristi)*, Bertinoro

07/2017 **Summer School Economics and Finance**, *University of Cagliari, Cagliari*
Numerical Methods for Time Inconsistency, Private Information and Limited Commitment.
Social and Economics Networks.
Dynamic Models of the Family.

2014-2016 **Master in Economics**, *University of Cagliari, Cagliari*
Final grade: First class Honours.

2010-2014 **Bachelor in Economics and Finance**, *University of Cagliari, Cagliari*
Final grade: First class Honours.

PhD Thesis

Title *Essays on Determinants of Tax and Services Induced Mobility*

Supervisors Professor Rinaldo Brau.

Description: This thesis is devoted to investigating empirically the determinants of tax and service mobility through the discrete choice approach considering two specific cases. As for tax-induced mobility, a Maximum Score Matching Estimator is applied to estimate the effect of marginal income taxation on European football players' migration patterns. The analysis relies on a unique database with information on regional and national marginal income tax rates for 16 European countries. As for service induced mobility, a Latent Class Logit model is applied to investigate the effect of financial and in-kind aid policies on university students' location decision process. The analysis relies on administrative data regarding the population of Italian students enrolled in 2018.

Conferences and Seminars

- Conference **Popdays - Giornate di Studio sulla Popolazione (14th edition, SIS-AISP, Roma**
"Following the crowd: how peers affect students' mobility choices" with Mariano Porcu e Isabella Sulis.
01/02/2023 - 03/02/2023 [speaker]
- Workshop **Percorsi di mobilità studentesca universitaria in Italia. Dati a confronto, University of Salerno and University of Napoli Federico II, Salerno**
"Following the paths: i sentieri dell'istruzione terziaria degli studenti sardi" with Mariano Porcu, Isabella Sulis, Rossella Atzori, Elisa Melis. 16/01/2023 [speaker]
- Workshop **Scientific Meeting of Social Statisticians - StatisticAll 2022, Treviso**
"Assessing the role of peers in university students' dropout" with Mariano Porcu and Isabella Sulis.
01/12/2022 - 03/12/2022 [speaker]
- Conference **The European Conference on Data Analysis, University of Napoli Federico II, GfKI, EuADS, SKAD, VOC, BCS, Napoli**
"Assessing the role of peers in university students' dropout" with Mariano Porcu and Isabella Sulis.
14/09/2022 - 16/09/2022 [speaker]
- Conference **51th Meeting of the Italian Statistical Society, University of Campania 'Luigi Vanvitelli', Caserta**
"Estimating peers' effect in university students' dropout decisions" with Mariano Porcu and Isabella Sulis.
22/06/2022 - 24/06/2022
- Conference **51th Meeting of the Italian Statistical Society, University of Campania 'Luigi Vanvitelli', Caserta**
"University dropout and churn in Italy: an analysis over time" with Mariano Porcu and Isabella Sulis.
22/06/2022 - 24/06/2022
- Conference **21th Journées Louis-André Gérard-Varet, AMSE, Marseille (FR)**
"University students' mobility and the role of accommodation services and grants in Italy" with Rinaldo Brau. 06/06/2022 - 08/06/2022 [Speaker]
- Conference **9th International Conference on Risk Analysis., International Statistical Institute, Committee on Risk Analysis, Perugia**
"Exploiting students' inter-degree relocations to assess Italian universities' attractiveness" with Ilaria Primerano, Francesco Santelli, and Giancarlo Ragozini. 25/05/2022 - 27/05/2022 [speaker]
- Workshop **Seminario CIRD 2022: Istruzione, Educazione e Didattica in Sardegna., Centro Interuniversitario per la Ricerca Didattica, University of Cagliari**
"Following the paths: i sentieri nell'istruzione terziaria degli studenti sardi" with Mariano Porcu and Isabella Sulis. 24/02/2022 [speaker]
- Conference **Innovation and society 5.0: statistical and economic methodologies for quality assessment, IES 2022, Italian Statistical Society, University of Campania Luigi Vanvitelli**
"Estimating the peers effect on students' university choices" with Mariano Porcu and Isabella Sulis.
27/01/2022 - 28/01/2022 [speaker]
- Workshop **CRENoS Workshop, CRENoS, University of Cagliari, Asinara (Italy)**
"University choice and the role of need-based grants and accomodation services in Italy" with Rinaldo Brau. 22/09/2021 - 24/09/2021 [speaker]

- Conference **13th Classification and Data Analysis Group Scientific meeting, CLADAG 2021**, *Italian Statistical Society*, University of Firenze (on-line)
 "Detecting the effect of secondary school in higher education university choices" with Mariano Porcu and Isabella Sulis. 09/09/2021 - 11/09/2021 [speaker]
- Conference **5th European Conference on Social Network EUSN 2021**, University of Naples Federico II (on-line)
 "Assessing the mobility patterns of outgoing Southern Italian Students using Social Network Analysis" with Ilaria Primerano and Francesco Santelli. 07/09/2021 - 10/09/2021 [speaker]
- Conference **Networks 2021: A joint Sunbelt and NetSci Conference**, *Sunbelt and Netsci*, Indiana University Network Science Institute (on-line)
 "Assessing the mobility patterns of outgoing Southern Italian Students using Social Network Analysis" with Ilaria Primerano and Francesco Santelli. 05/06/2021 - 10/06/2021
- Conference **25th Spring Meeting of Young Economists**, *European Association of Young Economists*, University of Bologna (on-line)
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 17/06/2021 - 19/06/2021 [speaker]
- Conference **50th Meeting of the Italian Statistical Society**, University of Pisa (on-line)
 "A multiplex approach to study Italian Students' Mobility" with Ilaria Primerano and Francesco Santelli. 21/06/2021 - 25/06/2021
- Conference **ICEEE 2021: Ninth Italian Congress of Econometrics and Empirical Economics**, *Società Italiana degli Econometristi*, CRENoS (on-line)
 "University choice and the role of need-based grants and accommodation services in Italy" with Rinaldo Brau. 21/01/2021 - 23/01/2021 [speaker]
- Conference **XXXII Conference of Italian Society of Public Economics**, *SIEP*, Università di Milano Bicocca (on-line)
 "University choice and the role of need-based grants and accommodation services in Italy" with Rinaldo Brau. 17/09/2020 [speaker]
- Conference **35th European Economic Association Congress**, *Erasmus School of Economics*, on-line
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 24/08/2020 - 28/08/2020 [speaker]
- Workshop **1st Reading Football Economics Workshop**, *University of Reading*, Reading (UK)
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 19/09/2021 - 21/09/2021 [speaker]
- Workshop **CRENoS Workshop**, *CRENoS*, *University of Cagliari*, Orani (Italy)
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 04/07/2019 - 05/07/2019 [speaker]
- Conference **18th Journées Louis-André Gérard-Varet**, *AMSE, IDEP*, Aix-en-Provence (FR)
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 13/06/2019 - 14/06/2019 [speaker]
- Conference **Public Finance 2019 Conference**, *ZEW*, Mannheim (DE)
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 02/05/2019 - 03/05/2019 [speaker]
- Workshop **Workshop on Student Mobility, University and Post-University Choices**, *Department of Political and Social Sciences*, *University of Cagliari*, Cagliari
 "The Educated Moves: The Determinants of Interregional Mobility of Students in Italy". 11/04/2019 - 12/04/2019 [speaker]
- Conference **5^o MaTax Conference**, *ZEW*, *University of Mannheim*, Mannheim (DE)
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau. 04/10/2018 - 05/10/2018 [speaker]
- Conference **30th Conference of Italian Society of Public Economics**, *SIEP*, Padova
 "Best Score in the Match: Marginal Taxation and Labor Mobility in the European Football Market" with Rinaldo Brau (speaker). 19/09/2018 - 21/09/2018

Publications

Book Chapters

Primerano, I.; Santelli, F.; Usala, C. (2023), 'A Multiplex Network Approach for Analyzing University Students' Mobility Flows', In *Studies in Theoretical and Applied Statistics: SIS 2021.*, Springer

ISBN: 9783031166082

Barbieri, B.; Porcu, M.; Salaris, L.; Sulis, I.; Tedesco, N.; Usala, C. (2022), 'University dropout and churn in Italy: an analysis over time', In *Book of short Papers SIS 2022.*, Antonio Balzanella, Matilde Bini, Carlo Cavicchia, Rosanna Verde, Pearson

ISBN: 9788891932310

Angei, F.; Brau, R.; Caria, A.; Cordeddu, M.; Delugas, E.; Pireddu, A.; Statzu, V.; Usala, C. (2022), *Capitolo 3: I servizi pubblici, aa. vv. 29° Rapporto sull'economia della Sardegna*, Arkadia Editore, Cagliari

ISBN: 9788868514051

Primerano, I.; Santelli, F.; Usala, C.; Ragozini, G. (2022), 'Exploiting students' inter-degree relocations to assess Italian universities' attractiveness', In *Book of Abstract 9th International Conference on Risk Analysis (ICRA).*, Christos Kitsos, Teresa A. Oliveira, Francesca Pierri, Marialuisa Restaino

ISBN: 9789726749196

Primerano, I.; Santelli, F.; Usala, C. (2022), 'Discovering archetypal universities in higher education mobility flows in Italy', In *Book of short Papers IES 2022 Innovation & Society 5.0: statistical and economic methodologies for quality assessment.*, Rosaria Lombardo, Ida Camminatello, Violetta Simonacci, PKE srl

ISBN: 9788894593358

Porcu, M.; Sulis, I.; Usala, C.(2022), 'Estimating the peers effect on students' university choices', In *Book of short Papers IES 2022 Innovation & Society 5.0: statistical and economic methodologies for quality assessment.*, Rosaria Lombardo, Ida Camminatello, Violetta Simonacci, PKE srl

ISBN: 9788894593358

Porcu, M.; Sulis, I.; Usala, C.(2021), 'Detecting the effect of secondary school in higher education university choices', In *Book of short Papers CLADAG 2021.*, Giovanni Camillo Porzio, Carla Rampichini, Chiara Bocci, Firenze University Press

DOI: 10.36253/978-88-5518-340-6

Primerano, I.; Santelli, F.; Usala, C.(2021), 'A multiplex network approach to study Italian Students' Mobility', In *Book of short Papers SIS 2021.*, Cira Perna, Nicola Salvati and Francesco Schirripa Spagnolo, Pearson

ISBN: 9788891927361

Brau, R.; Deiana, C.; Giua, L.; Meloni, I.; Sottile, E.; Statzu, V.; Usala, C.(2021), *Capitolo 3: I servizi pubblici, aa. vv. 28° Rapporto sull'economia della Sardegna*, Arkadia Editore, Cagliari

ISBN: 9788868513498

Brau, R.; Di Liberto, A.; Pau, S.; Statzu, V.; Usala, C.(2020), *Capitolo 3: I servizi pubblici, aa. vv. 27° Rapporto sull'economia della Sardegna*, Arkadia Editore, Cagliari

ISBN: 9788868512859

Porcu, M.; Sulis, I.; Carta, A.; Usala, C. (2020), *Capitolo 4: La mobilità degli studenti e gli strumenti per il Diritto allo Studio Universitario, aa. vv. Verso Nord: Le nuove e vecchie rotte delle migrazioni universitarie*, Franco Angeli, Milano

ISBN: 9788835104209

Brau, R.; Delugas, E.; Statzu, V.; Usala, C.(2019), *Capitolo 3: I servizi pubblici*, aa. vv. 26° *Rapporto sull'economia della Sardegna*, Arkadia Editore, Cagliari
ISBN: 9788868512231

Others

Brau, R.; Usala, C. (2020), *How sensitive are the migration choices of top-income workers to the tax burden?*, London School of Economics and Political Sciences Business Review
<https://blogs.lse.ac.uk/businessreview/2020/11/24/how-sensitive-are-the-migration-choices-of-top-income-workers-to-the-tax-burden/>

Past Employment

- 2020 - 2023 **Post-doc fellow**, DEPARTMENT OF POLITICAL AND SOCIAL SCIENCES, Cagliari, Scientific Director: Prof. Mariano Porcu
Financed within the Italian Ministerial grant PRIN: 'From high school to job placement: micro-data life course analysis of university student mobility and its impact on the Italian North-South divide', n. 2017HBT5P - CUPB78D19000180001
- 2023 **Collaboration**, PEARSON, Milano
Update the slides related to the Italian version of the book 'Alan Agresti - Metodi statistici di base e avanzati. Per le scienze sociali 5/Ed'.
- 2022 **Collaboration**, PEARSON, Milano
Online platform for the Italian edition of the book 'Alan Agresti - Metodi statistici di base e avanzati. Per le scienze sociali 5/Ed'. Updated the translation in Italian of the book and built the online platform with autoevaluation exercises realized using the R package R-EXAMS
- 2022 **Research Assistant**, CRENOs: CENTRO RICERCHE ECONOMICHE NORD SUD, Cagliari, Scientific director: Prof. Anna Maria Pinna
Collaboration for the 29° edition of the Report on Sardinian Economy.
- 2021 **Technical Committee**, 25th MEETING OF THE ITALIAN STATISTICAL SOCIETY, Cagliari
- 2020 **Research Assistant**, DEPARTMENT OF POLITICAL AND SOCIAL SCIENCES, Cagliari, Scientific Director: Prof. Mariano Porcu
Collaboration in the research project: 'From high school to job placement: micro-data life course analysis of university student mobility and its impact on the Italian North-South divide'.
- 2020 **Research Assistant**, CRENOs: CENTRO RICERCHE ECONOMICHE NORD SUD, Cagliari, Scientific Director: Prof. Emanuela Marrocu
Collaboration for the 27th edition of the Report on Sardinian Economy.
- 2019 **Research Assistant**, CRENOs: CENTRO RICERCHE ECONOMICHE NORD SUD, Cagliari, Scientific Director: Prof. Emanuela Marrocu
Collaboration for the 26th edition of the Report on Sardinian Economy. Realization of a tool-kit in MATLAB for the estimation of economic impacts through Input Output Methodologies.
- 2017 **Accademic Tutor**, UNIVERSITY OF CAGLIARI, Cagliari
Support activities for the master course of Economics.
- 2017 **Research Assistant**, CIREM: CENTRO INTERUNIVERSITARIO RICERCHE ECONOMICHE E MOBILITÀ, Cagliari, Scientific Director: Prof. Italo Meloni
Empirical estimation of the economic impact of the Airport of Cagliari using regional Input-Output methodologies.
- 2016 **Accademic Tutor**, UNIVERSITY OF CAGLIARI, Cagliari
Statistical Report about the enrolment at the Cagliari's bachelor degree in Economics and Finance.

Teaching Experience

Teaching Assistant

- 2021 **Summer school in social statistics**, UNIVERSITY OF PADOVA, FREE UNIVERSITY OF BOLZANO, Bressanone

2019 - 2021 **Welfare State, Environmental Regulation and Policies**, UNIVERSITY OF CAGLIARI, Cagliari
2018 - 2020 **Econometric Methods**, UNIVERSITY OF CAGLIARI, Cagliari
2018 **Public Finance**, UNIVERSITY OF CAGLIARI, Cagliari
2015 - 2017 **Public Economics**, UNIVERSITY OF CAGLIARI, Cagliari
2015 - 2017 **Macroeconomics**, UNIVERSITY OF CAGLIARI, Cagliari

Awards

2016 Doctoral research program scholarship.

Computer skills

Basic EViews, gretl

Intermediate R, MATLAB, NLogit.

Advanced Microsoft Office Pack, STATA, L^AT_EX.

Languages

Italian Mother tongue

English Professional (Academic IELTS: 6.5 Feb 2017)

Interests

Traveling, Gaming, Coding