

Fernando Flores Tavares

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ORCID: 0000-0002-9853-2106 • Nationality: Italian and Brazilian

ACADEMIC AND RESEARCH POSITIONS

Aug. 2026–Present **Researcher on a Research Contract (Contrattista di ricerca)**
Economic Statistics (13/STAT-02), Department of Economics and Statistics, **University of Siena**, Italy.

Project: development of statistical and economic indicators for sustainable agri-food systems.
Research supervisor: Prof. Gianni Betti.

Oct. 2025–Mar. 2026 **Research Scholarship Holder (Borsista di ricerca)**
Economic Statistics (13/STAT-02), Department of Economics and Statistics, **University of Siena**, Italy.

Project: digitalisation of economic and statistical indicators and development of agri-food indicators. Research supervisor: Prof. Gianni Betti.

Apr. 2024–Sep. 2025 **Postdoctoral Research Fellow (Assegnista di ricerca)**
Economic Statistics (13/STAT-02), Department of Economics and Statistics, **University of Siena**, Italy.

MYPEOPLE – Measuring Inequality, Poverty and Living Conditions for Planning Local Strategies (PRIN-PNRR 2022). Research supervisor: Prof. Gianni Betti.

Apr. 2022–Mar. 2024 **Postdoctoral Research Fellow (Assegnista di ricerca)**
Economic Statistics (13/STAT-02), Department of Economics and Statistics, **University of Siena**, Italy.

PANGEA – Pandemic Gender Violence Participatory Assessment. Research supervisors: Prof. Gianni Betti and Prof. Francesca Bettio.

2022–2024 **Quantitative Research Consultant**
Researcher in Statistical Analysis, **UNICEF Office of Research – Innocenti**, Florence, Italy.
Projects:

- GRASSP – Multidimensional Poverty in Burkina Faso (April–June 2024). Supervisor: Dr. Kaku Attah Damoah. Not formally evaluated.
- Changing Profiles of Poverty in India during COVID-19 (May–October 2023). Supervisor: Dr. Alessandro Carraro. Evaluation: *Exceptional output achievement*.
- Impact of Inflation on Child Poverty in Europe: Simulations using EU-SILC (December 2022–March 2023). Supervisor: Dr. Alessandro Carraro. Not formally evaluated.

Sep. 2022 **Survey Methodology Consultant**
Short-Term Consultant, Data Production and Methods, **World Bank**, Praia, Cape Verde.
Project: proposal for the new sampling design of the 2022 Survey on Food Vulnerability in Cape Verde.

TEACHING EXPERIENCE

- Academic year 2025–2026 **Lecturer – Globalization and Inequality, Module 2 (30 hours, 4 ECTS credits)**
Bachelor's degree programme [D339] in *Economics and Management*, **School of Economics and Management (SEM)**, **University of Siena**, Italy.
Instructor for Module 2.
- Academic year 2024–2025 **Lecturer – Econometrics (40 hours, 6 ECTS credits)**
Master's degree programmes in Finance, Economics, and International Accounting and Management, School of Economics and Management (SEM), **University of Siena**, Italy.
Course instructor.

EDUCATION

- 2018–2022 **PhD in Economics – Excellent cum laude (13/STAT-02)**
Doctor Europaeus certification. Joint PhD programme of the University of Florence, University of Pisa, and University of Siena, Italy.
Thesis title: “Essays on Fuzzy Multidimensional Poverty and Vulnerabilities: Analyses of Socioeconomic Deprivations and Inequalities in Brazil.” Supervisors: Prof. Gianni Betti and Prof. Patrizio Piraino. Scholarship: DSU Toscana.
- Nov. 2020–Jul. 2021 **Research Stay Abroad (Visiting PhD Researcher)**
Research Center “Poverty, Equity and Growth”, Faculty of Business and Economics, Georg-August-Universität Göttingen, Germany.
- 2015–2017 **Master of Science in Economics (Foreign Second-Cycle Qualification)**
Federal University of Rio de Janeiro (UFRJ), Brazil.
Dissertation title: “Sistema de Proteção Social, Desigualdade de Renda e Pobreza no Brasil: Microsimulações de Políticas Redistributivas” (Social Protection System, Income Inequality and Poverty in Brazil: Microsimulations of Redistributive Policies). Supervisor: Prof. Lena Lavinás. Scholarship: CAPES.
- 2009–2013 **Bachelor of Science in Economics (Foreign First-Cycle Qualification)**
University of São Paulo (USP), Brazil.
Dissertation title: “Avaliação dos impactos do Programa Bolsa Família sobre a educação no estado de Pernambuco” (Assessment of the Impacts of the Bolsa Família Programme on Education in the State of Pernambuco). Supervisor: Prof. Sílvia Helena G. de Miranda.

PUBLICATIONS AND RESEARCH OUTPUT

Peer-Reviewed Journal Articles

1. Tavares, F.F., Isola, F., and Betti, G. (2026). Intimate partner violence as multiple capability deprivations: a fuzzy and counting approach. *Social Indicators Research*, 184(1). <https://doi.org/10.1007/s11205-026-03894-w>.
2. Bettio, F., Tavares, F.F., and Ticci, E. (2026). Intimate partner violence during lockdown in Tuscany, Italy: economic or confinement-related shocks? *PLOS One*, 21(6), e0349889. <https://doi.org/10.1371/journal.pone.0349889>.
3. Tavares, F.F., and Carraro, A. (2025). COVID-19 and the changing profiles of poverty in India: a fuzzy set analysis and imputation approach using PLFS data. *Socio-Economic Planning Sciences*. <https://doi.org/10.1016/j.seps.2024.102110>.
4. Tavares, F.F., and Betti, G. (2024). Gender differences in multidimensional poverty in Brazil: a fuzzy approach. *Social Indicators Research*. <https://doi.org/10.1007/s11205-024-03312-z>.

1. Tavares, F.F., and Betti, G. (2021). The pandemic of poverty, vulnerability, and COVID-19: evidence from a fuzzy multidimensional analysis of deprivations in Brazil. *World Development*, 139, 105307. <https://doi.org/10.1016/j.worlddev.2020.105307>.

Working Papers

1. Tavares, F.F. (2026). Measuring the depth of multidimensional poverty with ordinal data. <https://arxiv.org/abs/2603.15149>. *Submitted*.
2. Tavares, F.F. Poverty as a matter of degree: concepts, methods, and implications of fuzzy-set theory. Under review at *The Palgrave Encyclopedia of Concepts and Theories in the Context of Global Poverty*.

Book Chapters

1. Bimonte, S., D'Agostino, A., and Tavares, F.F. (forthcoming). Does place matter for household wellbeing? A multidimensional and multilevel analysis across three Italian regions. In S. Bourdin (ed.), *Beyond GDP: Rethinking Growth and Well-being in Cities and Regions*. Springer Nature Switzerland AG.
2. Tramontano, F., Tavares, F.F., and Ticci, E. (2023). Covid-19 e violenza da parte del partner: dalla teoria alle evidenze empiriche. In *I molti volti della violenza di genere: discipline a confronto*. Firenze University Press / USiena Press. eISBN 979-12-215-0208-4. <https://doi.org/10.36253/979-12-215-0208-4>.

Research Briefs and Reports (Third Mission)

1. Tavares, F.F., D'Agostino, A., and Neri, L. (2025). Disparità socio-economiche tra Lombardia, Toscana e Campania: un'analisi comparativa. In *Le famiglie lombarde in difficoltà socio-economica*. PoliS-Lombardia. <https://www.polis.lombardia.it/wps/portal/site/polis/DettaglioRedazionale/pubblicazioni/studi-e-documenti/polis+2025/231333sta-social-survey-famiglie-lombarde-2025-ed202506>.
2. Richardson, D., Carraro, A., Squarcina, M., Tavares, F.F., and Rees, G. (2023). Children and the Cost-of-Living Crisis: how food and energy inflation has increased poverty in households with children in the European Union. *UNICEF Innocenti Research Briefs*. <https://www.unicef.org/innocenti/media/3951/file/UNICEF-Children-Cost-Living-Crisis-2023.pdf>.

Conference and Seminar Presentations

1. Tavares, F.F. (2026). Measuring the depth of multidimensional poverty with ordinal data. XXXVIII Annual Conference of the Italian Society of Public Economics (SIEP), University of Modena and Reggio Emilia, Modena, Italy. *Presenter*.
2. Tavares, F.F. (2026). Socioeconomic disparities across Lombardy, Tuscany, and Campania: a comparative analysis. Final workshop of the PRIN-PNRR 2022 MYPEOPLE project, University of Bergamo, Italy. *Presenter*.
3. Tavares, F.F., Sanchez, A., and Ruiz-Martos, M. (2025). Wage inequality in Europe: a regional analysis with a focus on Mediterranean countries. International Conference "Landscapes Across the Mediterranean" (CrossMED), Granada, Spain. *Presenter and Session Chair*.
4. Tavares, F.F., Sanchez, A., and Ruiz-Martos, M. (2025). The dynamics of wage inequality in the regions of the European Union. 65th ISI World Statistics Congress, The Hague, Netherlands. *Presenter*.
5. Tavares, F.F. (2025). A counting and fuzzy approach to measuring multidimensional poverty and well-being. 23rd Annual ISQOLS Conference, Luxembourg. *Presenter*.
6. Tavares, F.F. (2025). Multidimensional poverty in the regions of Lombardy, Tuscany, and Campania. International Workshop of the PRIN-PNRR MYPEOPLE project, University of Siena, Italy. *Presenter*.
7. Tavares, F.F. (2024). A new class of fuzzy multidimensional measures: exploring the many aspects of poverty. Young Economists of Tuscan Institutions (YETI) Meeting 2024, University of Florence, Italy. *Presenter*.

8. Tavares, F.F. (2023). A new class of fuzzy multidimensional measures: exploring the many aspects of poverty. International seminar series of the Research Group Public Economics and Globalisation (epic-SEJ393), University of Granada (Spain), and Centre Dagum – ASESD, University of Siena (Italy). *Presenter*.
9. Tavares, F.F. (2023). A new class of fuzzy multidimensional measures: exploring the many aspects of poverty. 1st International Conference on Apophobia, Barcelona, Spain. *Presenter*.
10. Tavares, F.F. and Betti, G. (2022). Individual-based fuzzy multidimensional poverty indexes: a comprehensive analysis of gender inequalities in Brazil. International Conference on Regional Science, Granada, Spain. *Presenter*.
11. Tavares, F.F. (2021). Individual-based fuzzy multidimensional poverty indexes: a comprehensive analysis of gender inequalities in Brazil. 3rd International Conference on Globalization and Development (GLAD), Göttingen, Germany. *Presenter*.
12. Tavares, F.F. and Betti, G. (2020). The pandemic of poverty, vulnerability, and COVID-19: evidence from multidimensional analysis of deprivations in Brazil. University of Pisa “VIVIFICAT” online seminar series. *Presenter*.
13. Tavares, F.F. and Betti, G. (2020). Multidimensional fuzzy poverty and COVID-19: risk factors and deprivations in Brazil. University of Siena Online Seminar Series on the COVID-19 Pandemic. *Presenter*.
14. Tavares, F.F. and Pero, V. (2016). Entrepreneurship, formalization and microcredit production in Brazil: achievements and challenges in the early 2000s. NOPOOR Project Research Dissemination Conference, Antananarivo, Madagascar. *Presenter*.
15. Tavares, F.F. (2013). Assessing the impacts of the Bolsa Família Programme on education. 21st International Symposium of Undergraduate Research at the University of São Paulo, São Paulo, Brazil. *Presenter*.

Conference Organisation and Academic Service

1. Session Chair, 2nd International Conference “Landscapes Across the Mediterranean” (CrossMED), Granada, Spain, 9–11 October 2025.
2. Organising Committee, Final Workshop of the PRIN-PNRR 2022 *MYPEOPLE – Measuring Inequality, Poverty and Living Conditions for Planning Local Strategies* project, University of Bergamo (Sant’Agostino – Aula Fornasa), 23 January 2026.
3. Organising Committee, “Giornata in ricordo di Achille Lemmi” workshop, Aula Romani – Aula delle Colonne, Piazza San Francesco 7/8, Siena, 9 May 2025.

Peer Review

Total: 28 reviews across 12 journals.

1. 5 reviews. *Poverty & Public Policy*, Wiley, 2025–2026.
2. 4 reviews. *Social Indicators Research*, Springer Nature, 2024–2026.
3. 3 reviews. *Applied Research in Quality of Life*, Springer Nature, 2025–2026.
4. 3 reviews. *Fuzzy Sets and Systems*, Elsevier, 2025–2026.
5. 3 reviews. *Quality & Quantity*, Springer Nature, 2026.
6. 2 reviews. *PLOS One*, 2025.
7. 2 reviews. *Socio-Economic Planning Sciences*, Elsevier, 2023.
8. 2 reviews. *World Development*, Elsevier, 2021.
9. 1 review. *GeoJournal*, Springer Nature, 2022.
10. 1 review. *International Journal of Community Well-Being*, Springer Nature, 2025.
11. 1 review. *International Journal of Data Science and Analytics*, Springer Nature, 2025.
12. 1 review. *RIEDS – Rivista Italiana di Economia, Demografia e Statistica (Italian Review of Economics, Demography and Statistics)*, 2026.

Professional Affiliations and Editorial Service

Fellow, Global Labor Organization (GLO), selected through an application process; no membership fee is required.

Member, Editorial Review Board, *Applied Research in Quality of Life*, Springer Nature.

Member, International Society for Quality-of-Life Studies (ISQOLS).

Thesis Committees

1. External Examiner, Master's thesis defence. Laura Alice de Lazari Fonseca. Title: "Measuring Precarious Employment: A Multidimensional Index Assessment Across Brazilian Macroeconomies." Universidade Estadual de Campinas (UNICAMP), Brazil, 2025.

COMPETITIVE FUNDING AND AWARDS

PhD awarded with the distinction **Excellent cum laude** (2022).

Exceptional output achievement – overall evaluation awarded by UNICEF Office of Research – Innocenti for the project on changing poverty profiles in India during COVID-19 (2023).

Competitive scholarships: DSU Toscana (PhD) and CAPES (Master of Science).

SKILLS

Software

Stata, R, $\text{\LaTeX}$, Microsoft Office.

Languages

Portuguese: native. Italian: fluent. English: fluent (TOEFL certified). Spanish: intermediate.

OTHER PROFESSIONAL EXPERIENCE

Operations and Data Analysis, Cabify, Brazil, 2018.

Feasibility Studies Intern, Vigna Projetos, Brazil, 2013.

Cost Analysis Intern, Assiste, Brazil, 2012.

Undergraduate Research Assistant, Center for Advanced Studies on Applied Economics (CE-PEA), Brazil, 2009–2011.