

# Andrea D'Isidoro

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## Current positions

**Adjunct professor.** School of medicine and health sciences, University G. d'Annunzio of Chieti-Pescara.

## Areas of specialization

Spatial Statistic; Applied Economics; Economic Statistics; Geography.

## Previous positions

- 2024-2025 **Postdoc Researcher** in applied economics. Department of Economics, University G. d'Annunzio of Chieti-Pescara. Researcher in the PRIN 2022 Projectc "Firms within networks of words: using text data (instead of sic codes) to measure proximity between firms and firm performance"
- 2021-2024 **Adjunct professor.** Universitas Mercatorum, Rome.
- 2020-2024 **PhD student** in economic statistics. Department of Economics, University G. d'Annunzio of Chieti-Pescara.
- 2020 **Employee** in the statistical quality control office and in the HR office, ICO s.r.l., Pianella (PE).

## Education

- 27/06/2024 PHD in Economic Statistics, University G. d'Annunzio of Chieti-Pescara.
- 06/10/2020 MASTER OF SCIENCE in Economics and Business Analytics, with 110 *cum laude*/110 evaluation, University G. d'Annunzio of Chieti-Pescara.
- 27/03/2018 BACHELOR'S DEGREE in Statistic, Alma Mater Studiorum, University of Bologna.
- 27/06/2014 HIGH SCHOOL DIPLOMA with 100/100 evaluation, Scientific Lyceum G. Galilei, Pescara.

## Awards

XXI Award "Fabio Gobbo" 2026 for young researchers. Promoted by the Italian Society of Economics and Industrial Policy (SIEPI).

## Visitings

06/2025. EDC Paris Business School, Paris, France.

10/2024. ISTARIAI Research center, Mannheim, Germany.

09/2023-11/2023. Universidad de Oviedo, Department of Economics, Oviedo, Spain.

01/2023-02/2023. Universidad de Oviedo, Department of Economics, Oviedo, Spain.

## Articles & working papers

### JOURNAL ARTICLES

- 2026 Knowledge flows through text data: The case of Milan's tech ecosystem. *The Annals of Regional Science*. <https://doi.org/10.1007/s00168-026-01465-y>.
- 2026 Assessing Regional Digitalization in Europe: A Spatial Composite Index Approach. *Socio-Economic Planning Sciences*. <https://doi.org/10.1016/j.seps.2026.102485>
- 2025 Combining geographical and semantic proximity to measure spillovers. The case of Sweden. *Spatial Economic Analysis*. <https://doi.org/10.1080/17421772.2025.2586550>.
- 2025 Spatial Segregation, Socioeconomic Disparities and Spatial (in) Justice in a Region of the Mediterranean. *Population, Space and Place* <https://doi.org/10.1002/psp.70042>.

### PAPERS IN SECOND REVISION

1. Knowledge Spillovers or Competitive Dynamics? Startups vs. Scaleups in Tech Ecosystems. Submitted to *Italian Economic Journal*.

### PAPERS IN FIRST REVISION

1. The Climate Challenge Needs Billions. Can Spillovers Scale Up Startup Funding in Europe?. Submitted to *Technovation*.
2. The Geography of Misallocation: Spatial Patterns and Local Distortions in Italian Manufacturing. Submitted to *Papers in Regional Science*.

### SUBMITTED ARTICLES

1. All proximities matter: A Bayesian combination approach to inter-firm spillovers and economic performance. Submitted to *Journal of Regional Science*.

### WORKING PAPERS

1. The AI Race Needs Billion-Euros: Does Hype Drive Scaling Up?.
2. Rethinking Geographical Proximity Without Cognitive Alignment: An investigation at Metropolitan and National Scales.

3. Territorial analysis of Italian tourism. Composite indicators and job performance.
4. Spatial effects and composite indicators: spatial filtering on non-compensatory environmental indices.
5. Growth capacity of AI firms. The role of multidimensional proximity channels to understand spillover mechanisms.
6. Urban regeneration and public funding in Italy. An empirical analysis to assess the role of spatial networks.
7. Enhancing Cultural Heritage and Slow Tourism via Heterogeneous Data Integration: The Case of Italy.

## Teaching

- 2025-2026 *Statistics for research and technological experimentation* course held in the Master degree in "Health Professions Rehabilitation Sciences", School of medicine and health sciences, University G. d'Annunzio of Chieti-Pescara.
- 2025-2026 *Text as data: the use of textual data in network analysis and time series* course held in the PhD program in "Applied Science and Business Innovation" (ASBI), Department of Economics, University G. d'Annunzio of Chieti-Pescara.
- 2025-2026 *The network analysis* course held in the PhD program in Applied Science and Business Innovation (ASBI), Department of Economics, University G. d'Annunzio of Chieti-Pescara.
- 2021-2024 *Statistical methods* course held in the Bachelor's degree in "Legal sciences for criminology", Universitas Mercatorum, Rome.
- 2019 *Mathematic and Statistic* tutor for mathematics and statistics exams, Department of Economics, University G. d'Annunzio of Chieti-Pescara.

## Conferences & Seminars

- Bari, Italy. XXIV Workshop Annuale SIEPI. 29-30 January 2026.
- Naples, Italy. 66° Riunione Scientifica Annuale della Società Italiana di Economia (SIE). 23-25 October 2025.
- Pescara, Italy. XLVI Conferenza scientifica annuale AISRe 2025. 10-12 September 2025.
- Rome, Italy. The 7th International Conference on Advanced Research Methods and Analytics (CARMA). 2-4 July 2025.
- Paris, France. 2025 International Symposium on Climate, Finance, and Sustainability (ISCFS-2025). 18-20 June 2025.
- Amsterdam, Netherlands. Theorizing Data & AI Workshop 2025. 14-16 May 2025.
- Edinburgh, Scotland, UK. 8th Edition of Ethical Finance and Sustainability Conference: EFS-2025. 8-9 May 2025.
- Bologna, Italy. XXIII Workshop Annuale SIEPI. 30-31 January 2025.
- Mannheim, Germany. ISTARI.AI Research Workshop, 1 October 2024.
- Turin, Italy. XLV Conferenza scientifica annuale AISRe 2024. 4-6 September 2024.
- Salamanca, Spain. 6th International Conference on Decision Economics (DECON'24). 26th-28th July 2024.
- Berlin, Germany. 17th International Conference – Computational and Financial Econometrics. 16-18 December 2023.
- Oviedo, Spain. REGIOLab seminar. 26th September 2023. *Spatial effects and composite indica-*

*tors: spatial filtering on non-compensatory multidimensional indices.*

- Florence, Italy. 18th EU-REAL conference. 22-24 June 2023.
- Oviedo, Spain. REGIOlab seminar. 18th January 2023. *Spatial patterns of residential segregation in the Mediterranean..*
- Warsaw, Poland. EU-REAL annual conference. 8-10 September 2022.
- Milan, Italy. XLIII Conferenza scientifica annuale AISRe 2022. 5-7 September 2022.
- Warsaw, Poland. IMAJINE Final Conference, 23th May 2022.

## **Softwares**

R, GeoDa, Q-GIS, LaTeX, Stata, Gephi, GIMP, Power Director, Office package, Apple softwares.

## **Languages**

Italian (native), English (eligibility B2).

## **Relevant activities**

- Official instructor of the Italian Chess Federation, with 10 years of experience in teaching and coaching in the high school teams of chess. Among the most notable results, many Regional Champion titles and several top 10 placings in the National Championships of the School Chess Trophy, including the podium (2nd place) in 2025.
- Player of five-a-side football and beach soccer at the agonistic level. Among the most notable results, the University Italian Cup was won in 2022, University Super Cup won in 2022 and 2023, and participation in the Italian Serie A play off of beach soccer in 2023.
- Juniores bronze medalist at the Italian University Championships of cycling in 2025.