Giacomo Lanfiuti Baldi

14/01/1997

Ph.D Student
"La Sapienza" - University of Rome
giacomo.lanfiutibaldi@uniroma1.it

RESEARCH AREA

Statistical Demography; Mortality Modelling and Forecasting; Longevity and Aging Dynamics; Age-Period-Cohort Models; Population gaps in mortality; Gender gap in mortality.

EDUCATION

Ph.D in Statistical Sciences, Demogaphy November 2022 - Ongoing
Faculty of Statistics, University of Rome "La Sapienza" *Rome, IT*

European Doctoral School of Demography September 2022 - July 2023
Centre d'Estudis Demogràfics, Universitat Autonoma de Barcelona *Barcelona, ES*

- Formal Demography, Statistical Demography
- Social and Environmental Demography, Demographic Models
- Population Data and Science, Simulation and Forecasting

Thesis: *An Age-Period-Cohort model for the gender gap in youth mortality*, with Professor Andrea Nigri.

Two-year Master's degree in Statistical Sciences: curriculum Data Analyst October 2019 - July 2022
University of Rome "La Sapienza" *Rome, IT*

- Stochastic processes, Bayesian inference, Advanced statistical models, Spatial Statistics
- Big Data Management and Processing, Data Mining and Classification
- Social and Environmental Demography, Demographic Models

Thesis: *Application of the Improved Pay-As-You-Go pension system using real and simulated data*, with Professor Oliviero Casacchia.

Grade: 110/110

Bachelor's Degree in Statistics, Economics and Society September 2016 - October 2019
University of Rome "La Sapienza" *Rome, IT*

- Basic Statistics, Probability, Statistical Inference, Multivariate Statistics
- Demography, Spatial Demography
- Sampling Techniques

Thesis: *Parallel computation in R in the context of Bootstrap for big data*, with Professor Paolo Giordani.

Grade: 110/110

CONFERENCES

SIS 2023 - Statistical Learning, Sustainability and Impact Evaluation June 21, 2023 - June 23, 2023
Oral and Poster Presentation in Contributed Session: Health and Mortality *Ancona, IT*

IES 2023 - Statistical Methods For Evaluation And Quality August 30, 2023 - September 1, 2023
Oral Presentation in Contributed Session: Social issues *Pescara, IT*

International Conference of Young Demographers 2024 February 6, 2024 - February 10, 2024
Oral Presentation *Prague, CZ*

PUBLICATIONS

- **Lanfiuti Baldi, G.** and A. Nigri "Modelling the gender gap in youth mortality with an Age-Period-Cohort analysis." BOOK OF SHORT PAPERS IES 2023. 2023. 614-619.
  Conference proceedings

Research Projects

PNRR-PE8: Age-It Ageing well in an ageing society   2023 - 2026
Spoke 1, Work-Package 1, Task 7: Trends in survival and longevity

Languages

- **Italiano**: Native speaker
- **Inglese**: Intermediate level (B2)
- **Spanish**: Base level (A2)

Programming skills

Microsoft Office: Excel, Word, PowerPoint
Programming: Java and basics of Scala.
Statistical software: advanced level RStudio and basics of SPSS and SAS Viya
Database Management: MySQL and basics of Neo4j
Spatial Analysis: QGis
Markup Languages: LaTeX and R MarkDown