



## PREFACE

It is with pleasure that we present the 2023 issue of the Annali MEMOTEF, a multidisciplinary journal published by the Department of Methods and Models for Economics, Territory and Finance of Sapienza University of Rome.

Annali MEMOTEF is a peer-reviewed journal, which collects original studies in all the disciplines of the department (demography, economic geography, languages, mathematics, statistics, and economic history) and more generally from applied and behavioural sciences. The 2023 issue continues to target an international audience, to promote scientific, cultural, and multidisciplinary debate.

As regular readers already know, this journal is divided into three parts: the primary section is dedicated to *Research Papers*, which contains innovative theoretical and empirical manuscripts, a second section dedicated to *Notes and Discussions* is aimed at representing a forum for thought on current research, and the final section of *Book Reviews* acknowledges new and/or prominent studies aimed at deepening and disseminating knowledge.

For each section in this printed volume, the order of the contributions respects the chronological order of publication on the journal's website.

This volume's first research paper, *An acceptance-rejection algorithm for the Kolmogorov distribution*, by Paolo Onorati, proposes revisiting a sampling method, known in the literature as acceptance-rejection, to sample from distributions that cannot be treated according to standard procedures. The theoretical results are supported by a numerical analysis of the accuracy of the proposal, for a couple of specific probability distributions.

The second research paper, *The effects of migration on epidemics: issues and models*, by Giuseppe Schinaia, offers a qualitative overview of some of the main epidemiological models for describing the transmission of infectious diseases in a framework that takes into account the migration dynamics of population groups. The models under investigation comprise random components, and the findings reveal the impact of different forms of migration on the development of infectious diseases.

Our third research paper, *Rome solidarity city: the Covid-19 and the transformation of collective action* by Andrea Simone and Raffaella Coletti, analyses the socio-spatial dynamics induced by the Covid-19 health crisis on mutual aid in the metropolitan area of Rome.

The fourth paper to be published is *Emerging housing policies. Affordable housing and urban property* by Daniela Anna Festa, which explores major challenges faced by policies concerning access to housing in contemporary urban policies.

This is followed by the fifth research paper, *A multimodal corpus approach to understanding parliamentary debates: the role of gesture and institutional discourse* by Ersilia Incelli, which contributes to current research on the effects of multimodality on English for Specific Purposes (ESP) education, with particular reference to the situational context of the university language classroom.

After this we present our sixth paper, *Pay As You Drive Insurance and Chrono-Urbanism: time as a strategic variable* by Maria Giuseppina Bruno, Chiara Colombaroni, Carolina Falaguasta, Gaetano Fusco, Stefano Patri, and Maria Rita Scarpitti, which explains how time-based ratemaking can contribute to a better personalization of the premium, and shows the results of an analysis carried out on mobility data from the city of Rome which provide some initial information on the link between time and risk.

The penultimate paper, *Public geography and citizen science: participatory practices for action research* by Cristina Capineri, addresses the relationships between geography and the emerging domain of citizen science as a possible scenario for the strengthening of public geography.

And our final contribution, *Communiqués de presse AXA en français et en italien: quelques stratégies argumentatives du discours spécialisé et du discours promotionnel* by Antonella Leoncini Bartoli and Maria Rita Scarpitti, studies the corporate press releases of the Axa Group of Insurance according to his principal website in French and English and its localised website in Italian between September 2022 and September 2023.

For the section Notes and Discussions, the contribution *Housing tenure trajectories and health: reflections on a research gap* by Agostino Cristofalo, discusses how most of the research on homeownership and health has been conducted in a cross-sectional manner and discloses potential research developments on the theoretical framework of life-course epidemiology, with a specific focus on the European context.

The last section contains book reviews of two important texts that have enjoyed great publishing success. The first review by Gianluca Bei is of the text *Platform Capitalism* authored by Nick Srnicek, while the second, by Cesare Di Feliciantonio, is of the text *Rentier capitalism: who owns the economy, and who pays for it?* by Brett Christophers.

We thank the authors of the contributions and all who responded to our call for papers. We also thank our referees for their commitment to reviewing the submitted papers. It is our hope that this issue will further stimulate interdisciplinary debate and will be a precious resource for the scientific community.

Finally, on behalf of the MEMOTEF Department, we would like to dedicate this issue of the journal to Professor Alessandro Moretti, who to our great sadness passed away prematurely last year. May this work be a tribute to his memory.

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Venere Stefania Sanna  
Immacolata Oliva