

August 2023

Sergi Trias-Llimós

Current Academic Affiliation

Since 06.2020. Post-doctoral researcher at Center for Demographic Studies (CED), Barcelona.
Ramón y Cajal Researcher since January 2023.
Co-Head of “Health, Mortality and Causes of Death” Research Group.

Education

2019. PhD, University of Groningen (The Netherlands)
Promotors: Prof. Dr. Fanny Janssen, Prof. Dr. Leo van Wissen
Thesis: “Alcohol-attributable mortality in Europe: Past and future trends and their effects on overall mortality variations” [Link](#)
2014. European Doctoral School of Demography. Max Planck Institute for Demographic Research, Rostock (Germany) and Warsaw School of Economics, Warsaw (Poland). Scholarship: Centre d’Estudis Demogràfics.
2012. MSc in Demography and Population Studies. Universitat Autònoma de Barcelona.
2011. BS in Economics. Universitat Autònoma de Barcelona.

Previous professional experience

- 11.2018 - 04.2020 **Research Fellow in Epidemiology** at the Department of Non-Communicable Disease within the Faculty of Epidemiology and Population Health at the **London School of Hygiene & Tropical Medicine** (United Kingdom).
- 09.2014 - 01.2019 **PhD Researcher** and **Post-doctoral Researcher** (09.2018-01.2019) at the Population Research Centre, Faculty of Spatial Sciences, **University of Groningen** (the Netherlands).
- 11.2011 - 08.2013 **Research assistant** at Center for Demographic Studies.

Ongoing participation in R+D+I projects

- Principal Investigator (PI) in the project “Novel measures in cardiovascular mortality and inequalities therein”. Beca Leonardo. Funded by Fundación BBVA, 2023-2025. Budget: 40k€, success rate = 4.5%.
- “Healthy lifespan inequality: Measurement, trends and determinants (HEALIN)”. Funded by the European Research Council (COG-864616), 2020-2025. PI: I. Permanyer. Budget: 1.45M€. Role: post-doctoral researcher.
- La salud de las personas de edad avanzada: el análisis de la comorbilidad, las múltiples causas de muerte y las desigualdades de género y socioeconómicas en la salud (COMORHEALTHSES). Funded by the Spanish Ministry of Science and Innovation (PID2020-113934RB-I00), 2021-2024. PIs: J. Spijker & E. Rentería. Role: Collaborator.

Publications (selection)

Trias-Llimós, S., Barbieri, M., Egidi, V., Frova, V., Grippo, F., Meslé, F., Pappagallo, M., Désesquelles, A. Frailty at death: An examination of multiple causes of death in four low mortality countries. Forthcoming *Demographic Research* [Link](#).

Trias-Llimós, S., Permanyer, I. (2023). Cause-of-death diversity from a multiple-cause perspective in the US. *Demography*, 60(1):73-98, doi: 10.1215/00703370-10410415, [Link](#).

Permanyer, I., Villavicencio, F., **Trias-Llimós, S.** Healthy lifespan inequality: Global, regional, and national levels and trends from 1990 to 2019. *European Journal of Epidemiology* [Link](#).

Trias-Llimós, S., Spijker, J., Blanes, A., Permanyer, I. Age and cause-of-death contributions to educational inequalities in life expectancy and lifespan variation in a low-mortality country: A cross-sectional study of 1.67 million deaths in Spain (2016-19). *SSM-Population Health* [Link](#)

Spijker, J., **Trias-Llimós, S.** (2023). Cause-specific mortality in Spain before and during the pandemic: educational differences and its impact on life expectancy using multiple causes of death data. *European Journal of Public Health*, <https://doi.org/10.1093/eurpub/ckad036>, [Link](#).

Trias-Llimós, S., Spijker, J. (2022). Educational differences in alcohol-related mortality and their impact on life expectancy and lifespan inequalities in Spain using multiple causes of death (2016-18). *BMJ Open*, 12:e053205. doi: 10.1136/bmjopen-2021-053205 [Link](#).

Riffe, T., Acosta, E., ..., **Trias-Llimós, S.**, The COVerAGE-DB team. (2021). Data Resource Profile: COVerAGE-DB: a global demographic database of COVID-19 cases and deaths. *International Journal of Epidemiology*. 50(2): 390-390f [Link](#)

Janssen, F., **Trias-Llimós, S.**, Kunst, A. (2021). The combined impact of smoking, obesity and alcohol on life expectancy trends in Europe. *International Journal of Epidemiology*, 50(3):931:941 [Link](#).

Trias-Llimós, S., Pennels, L., Tverdal, A., Kudryavtsev, A.V., Malyutina, S., Hoptsock, L., Iakunchykova, O., Nikitin, Y., Magnus, P., Kaptoge, S., Di Angelantonio, E., Leon, D.A. (2020). Assessing the risk factor contribution to explaining mortality gaps between countries: Example of the elevated CVD mortality in Russia as compared to Norway (ages 40-69). *Scientific Reports*, 10, 20796 <https://doi.org/10.1038/s41598-020-77877-3>. [Link](#)

Trias-Llimós, S., Riffe, T., Bilal, U. (2020). Monitoring life expectancy levels during the COVID-19 pandemic: Example of the unequal impact in Spanish regions. *Plos One*. [Link](#)

Trias-Llimós, S., Kunst, A.E., Jasilionis, D., Janssen, F. (2018). The contribution of alcohol to the East-West life expectancy gap in Europe from 1990 onward. *International Journal of Epidemiology*, 47(3), 731-739. [Link](#)

Teaching (selection)

2022-23 “Mortality causes”, European Doctoral School of Demography.

2020-21 “Social Demography”, Degree in Political Sciences, Pompeu Fabra University, Barcelona.

2019-20 “Statistics for Epidemiology and Population Health”, course responsible: Dr. Stephen Nash and Dr. David McLeod. Several master programmes, London School of Hygiene & Tropical Medicine.

Award

2022 European Demographer Award category A.

Languages: Catalan and Spanish (native), English (fluent), and Italian (intermediate).