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## Sergi Trias-Llimós

Address: Center for Demographic Studies, Autonomous University of Barcelona,  
Bellaterra, 08193, (Spain)

E-mail: [strias@ced.uab.cat](mailto:strias@ced.uab.cat)

### Current Academic Affiliation

Since 06.2020. Post-doctoral researcher at Center for Demographic Studies (CED), Barcelona.

Project “Healthy lifespan inequality: Measurement, trends and determinants - HEALIN” (ERC-2019-COG agreement No 864616). PI: Dr. Iñaki Permanyer.

### 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.

Diploma *Programa Universitat-Empresa* (PUE-UAB).

### 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). Project “International Project on Cardiovascular Disease in Russia”. PI: Prof. dr. David Leon, funded by Wellcome Trust (award no. 100217), University of Tromsø – Arctic University of Norway and the Ministry of Health and Care Services from Norway. [Link](#)

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). Project: *Smoking, alcohol and obesity – ingredients for improved and robust mortality projections* (NWO, grant no. 452-13-001). Principal investigator: Prof. dr. Fanny Janssen. [Link](#)

11.2011 - 08.2013 **Research assistant** at Center for Demographic Studies. Project: *Five Centuries of Marriages* (ERC-2010-AdG-269796). Principal investigator: Prof. dr. Anna Cabré.

01.2010 – 12.2010 Internship at Employment and Economic Activities Service of the Barcelona City Council. Supervisor: Àngels Santigosa.

**Publications***Peer-reviewed (n=25)*

Riffe, T., Acosta, E. The COVERAGE-DB team. COVERAGE-DB: A database of agestructured COVID-19 cases and deaths. *International Journal of Epidemiology*. Forthcoming [Preprint](#)

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*. doi: 10.1093/ije/dyaa273.

**Trias-Llimós, S.** Considerations on the population-level alcohol-attributable mortality estimates. *Adicciones*. Forthcoming.

**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](#)

Janssen, F., El-Gewily, S., Bardoutsos, A., **Trias-Llimós, S.** (2020). Past and future alcohol-attributable mortality in Europe. *International Journal of Environmental Research and Public Health*, 17(23):9024. [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.**, Alustiza, A., Prats, C., Tobias, A., Riffe, T. (2020). A need for detailed COVID-19 data in Spain. *The Lancet Public Health*, 5(11):E576. [Link](#).

**Trias-Llimós, S.**, Permanyer, I. (2020). A need for better understanding old-age mortality dynamics. *Correspondence* in response to Bergeron-Boucher et al. "Diversification in causes of death in low-mortality countries: emerging patterns and implications. *BMJ Global Health*, [Link](#)

GBD 2019 Demographics Collaborators. (2020). Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *Lancet*, 396(10258):1160-1203 [Link](#)

**Trias-Llimós, S.**, Bardoutsos, A., Janssen, F. (2020). Future alcohol-attributable mortality in France using a novel generalizable age-period-cohort projection methodology. *Alcohol & Alcoholism*. <https://doi.org/10.1093/alcalc/aga107>. [Link](#)

Medford, A., **Trias-Llimós, S.** (2020). Population age structure only partially explains the large number of COVID-19 deaths at the oldest ages. *Demographic Research*, 43(19):533–544 [Link](#).

**Trias-Llimós, S.**, Bosque-Prous, M., Obradors-Rial, N., Teixidó-Compañó, E., Belza, M. J., Janssen, F., Espelt, A. (2020). Educational inequalities in hazardous drinking and their associated mortality in people aged 50 and older in Europe. *Substance Abuse* <https://doi.org/10.1080/08897077.2020.1773597> [Link](#).

Zueras, P., Rutigliano, R., **Trias-Llimós, S.** (2020). Marital status, living arrangements, and mortality in middle and older age in Europe. *International Journal of Public Health*, 65(5):627-635. [Link](#).

**Trias-Llimós, S.**, Bilal, U. Impact of the Covid-19 on life expectancy in Madrid (Spain). (2020) *Journal of Public Health*, 42(3):635-636 [Link](#).

Tamagnini, G., Biondi, R., Ricciardi, G., Rutigliano, R., **Trias-Llimós, S.**, Meuris, B., Lamelas, J., Del Giglio, M. Cardiac Surgery in the time of the Novel Coronavirus: Why we should think to a new normal (2020). *Journal of Cardiac Surgery*, 65(8). [Link](#)

**Trias-Llimós, S.** (2020). Reply to Montes-Santiago and Roseiro-Sordo: The importance of alcohol-related mortality estimates in Spain. *Revista Clínica Española*, 220(2), 144 [Link](#).

Vidra, N., **Trias-Llimós, S.**, Janssen, F. (2019). Impact of obesity on life expectancy among different European countries: secondary analysis of population-level data over the 1975-2012 period. *BMJ Open* 2019;9:e028086. doi: 10.1136/bmjopen-2018-028086 [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](#)

**Trias-Llimós, S.**, Janssen, F. (2018). Alcohol and gender gaps in life expectancy in eight Central and Eastern European countries. *European Journal of Public Health*, 28(4), 687-692 [Link](#)

Vidra, N., Bijlsma, M.J., **Trias-Llimós, S.**, Janssen, F. (2018). Past trends in obesity-attributable mortality in eight European countries: an application of age-period-cohort analysis. *International Journal of Public Health*, 63(6), 683-692. [Link](#)

**Trias-Llimós, S.**, Martikainen, P., Mäkelä, P., Janssen, F. (2018). Comparison of different approaches for estimating age-specific alcohol-attributable mortality: The cases of France and Finland. *Plos One* 13(3): e0194478. [Link](#)

**Trias-Llimós, S.**, Bijlsma, M. J., Janssen, F. (2017). The role of birth cohorts in long-term trends in liver cirrhosis mortality across eight European countries. *Addiction*, 112(2), 250-258. [Link](#) [Commentary](#)

**Trias-Llimós, S.**, Muszyńska, M.; Cámara, A.D.; Janssen, F. (2017). Smoking cessation among European older adults: The differential influences of marital and employment transitions by gender. *European Journal of Ageing*, 14(2), 189-198. [Link](#)

Zueras, P.; Cámara, A.D.; Blanes, A.; **Trias-Llimós, S.** (2015). Desigualdad social y niveles de discapacidad entre los mayores españoles. *Encrucijadas-Revista Crítica de Ciencias Sociales*, 10, 1003. [Link](#)

Cámara, A.D.; Zueras, P.; Blanes, A.; **Trias-Llimós, S.** (2015). Generational and Socio-Economic Components of Disability Among the Elderly Population in Spain. *Revista Española de Investigaciones Sociológicas*, 151:23-44. [Link](#)

#### Book chapters (n=1)

Vidra, N., **Trias-Llimós, S.**, Janssen, F. (2021). Impact of obesity on life expectancy among different European countries. *International Handbook of the Demography of Obesity*. Forthcoming

#### Other publications (including published abstracts; n=17)

**Trias-Llimós, S.**, Riffe, T., Bilal, U. (2020). Esperanza de vida y COVID-19. Piedras de Papel - Eldiario.es. [Link](#)

Saez, M., Figueiras Guzmán, A., Alustiza, A., Ruiz Cantero, A., Medeiros de Figueiredo, A., Sánchez-Pla, A., Forte Deltell, A., Cabrera León, A., Daponte Codina, A., Tobias, A., Sánchez Cantalejo Garrido, A., Blanco de Tena-Dávila, D., Royé, D., Cobo Valeri, E., Molist, G., Gómez Melis, G., Mateo Rodríguez, I., Casillas, J., Mateu, J., González Alastrué, J. A., Cayla Buqueras, J. A., Guàrdia Olmos, J., Barceló Rado, M. A., Rueda Garcia, M. M., Casals, M., Fonseca i Casas, P., Macip, S., **Trias-Llimós, S.**, Riffe, T., Cortés, U. (2020). Covid-19: la malinterpretación de los datos de la pandemia daña la confianza del público. *The Conversation España*. [Link](#)

Janssen, F., El Gewily, S., Bardoutsos, A., **Trias-Llimós, S.** (2020). Past and future alcohol-attributable mortality in Europe. NIDI Working Paper no.: 2020/05 De invloed van obesitas op de levensverwachting in Europa. *DEMOS*, 36(2), 4-7. [Link](#)

**Trias-Llimós, S.**, Dos Santos Silva, I., Leon, D. (2020). Distinctive cause and age-specific contributions to the persistent mortality disadvantage of Portugal compared to Spain. *Gaceta Sanitaria*, 34(Esp Congr): 166.

**Trias-Llimós, S.**, Blanes, A., Spijker, J. (2020). Alcohol-attributable mortality estimates in Spain: New insights using multiple causes of death data. *Gaceta Sanitaria*, 34(Esp Congr): 23-24.

Janssen, F., Vidra, N., **Trias-Llimós, S.** (2020). De invloed van obesitas op de levensverwachting in Europa. *DEMOS*, 36(2), 4-7. [Link](#)

Janssen, F., Vidra, N., **Trias-Llimós, S.** (2020). Impact of obesity on life expectancy levels and trends in Europe. *N-IUSSP*, 13/01/2020, [Link](#). Neodemos 17/01/2020, [Link](#)

**Trias-Llimós, S.**, Leon, D.A. (2019). “Estimating country differences in CVD mortality: the use of CVD risks equations. *Gaceta Sanitaria*; 33(Esp Congr):38. [Link](#)

**Trias-Llimós, S.**; Janssen, F. (2019). De invloed van alcohol op man-vrouwverschillen in levensverwachting in Oost-Europa. *DEMOS*, 35(5), 1-4. [Link](#)

**Trias-Llimós, S.**; Janssen, F. (2019). Gender gaps in life expectancy and alcohol consumption in Eastern Europe. *N-IUSSP*, 25/02/2019, [Link](#). Neodemos, 01/03/2019, [Link](#)

**Trias-Llimós, S.**, Bosque-Prous, M., Teixidó-Compañó, E., Puigcorbé, S., Obradors-Rial-N., Espelt, A. (2018). Educational differences in hazardous drinking and overall mortality in people aged 50+ in Europe. *Gaceta Sanitaria*; 32(Espec Congr):7-140.

**Trias-Llimós, S.**, Janssen, F. (2017). Country differences in past trends in alcohol-attributable mortality in Europe. *European Journal of Public Health*, 27(suppl. 3), 359-359. DOI: 10.1093/eurpub/ckx189.147

Vidra, N., **Trias-Llimós, S.**, Janssen, F. (2017). Impact of obesity on trends in life expectancy among different European countries, 1975-2012. *European Journal of Public Health*, 27(suppl. 3), 275-276. DOI: 10.1093/eurpub/ckx187.731

**Trias-Llimós, S.**, Janssen, F. (2017). Inequalities in alcohol-attributable mortality levels and trends across Europe. *Gaceta Sanitaria*, 31.

Cámara, A.D.; Zueras, P.; **Trias, S.**; Blanes, A. (2013). “Envejecer más allá de la edad. Diferencias de género, generación y clase social en salud en la población española” [Aging beyond age. Gender, Cohort and Social differences in health among the Spanish population]; *Papers de Demografia* 427. Working Paper, Centre d’Estudis Demogràfics, Universitat Autònoma de Barcelona.

**Trias-Llimós, S.**; Cámara, A.D. (2012). “Condiciones crónicas en edades adultas maduras en España. Aproximación demográfica a partir de datos autodeclarados” [Chronic conditions among adult mature ages in Spain. A demographic approach from self-reported data]; *Papers de Demografia* 398. Working Paper, Centre d’Estudis Demogràfics, Universitat Autònoma de Barcelona.

Cámara, A.D.; **Trias, S.** (2011). “La Encuesta Nacional de Salud (1987-2006): notas técnicas para el estudio de tendencias de salud en la población española” [The National Health Survey (1987-2006): technical notes for the study of health trends in the Spanish population]; *Papers de Demografia* 393. Working Paper, Centre d’Estudis Demogràfics, Universitat Autònoma de Barcelona.

## Teaching experience

### Courses

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

### Practicals

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.

2019-20 “Demographic Methods”, course responsible: Dr. George Reniers. Master in Demography & Health, London School of Hygiene & Tropical Medicine.

2016-18 “Life Tables and Population Projections”, course responsible: Dr. Fanny Janssen. Master in Population Studies, University of Groningen.

- 2015-16 “Demographic Data, Measures and Methods”, course responsible: Dr. Fanny Janssen. Master in Population Studies, University of Groningen.

*Guest lectures and short courses*

- 2021 “Datos y medidas del impacto del COVID-19 en la mortalidad” within the master “Pandemias, salud global y Covid-19”, course responsible: Dr. Julio Pérez, UIMP & CSIC, Madrid.
- 2019 “The importance and use of demographic data for population health research and its need for health and health related services” within the course “Introduction to epidemiology”, course responsible: Dr. Anastasiya Kichigina, London Metropolitan University.
- 2018-present “Importance of lifestyles on health and mortality” within the course “Population Geographies”, course responsible: Dr. Peter Grote and Dr. Roberta Rutigliano. Bachelor in Geography, University of Groningen.
- 2018 “The role of lifestyle in mortality inequalities in Europe” within the course “Population Health and Place”, course responsible: Dr. Tobias Vogt. Master in Population Studies, University of Groningen
- 2015-2016 “The Epidemiological Transition Theory” within the course “Population: Behaviour in a Context”, course responsible: Dr. Ajay Bailey. Master in Population Studies, University of Groningen.
- 2015-2017 “Population Dynamics in the Netherlands” for exchange students in “Spatial problems and spatial policies: The Dutch experience”. Twice a year. University of Groningen. Including the supervision of 2/3 papers per year.
- 2015-2016 Instructions of “Writing a paper” and “Presenting, giving and receiving feedback”. Master in Population Studies, University of Groningen.
- 2014-2016 “Introduction to Excel and SPSS”. 16h. Master in Population Studies, University of Groningen.
- 2014 “R workshop for the staff members of the PRC”. 24h. With Michael Thomas, University of Groningen.

**Courses**

- 2019 “Office for National Statistics (ONS) Safe Researcher Training”. I successfully passed the assessment and I have access to ONS data till 2024. London (United Kingdom). August 15.
- 2018 “31<sup>st</sup> Residential Summer Course in Epidemiology”. European Educational Programme in Epidemiology. Florence (Italy). June 18-July 5.
- 2016 “Forecasting with R”. Eurandom/TU Eindhoven, Eindhoven (The Netherlands). Instructors: Rob Hyndman. October 19-21.
- 2016 “FLAMES Workshop Graphics in R”. Free University of Brussels, Brussels (Belgium). Instructors: Erik Franssen and An Carbonez. May 17-19.
- 2016 “Statistical Analysis in the Lexis Diagram: Age-Period-Cohort Models”. Max Planck Institute for Demographic Research, Rostock (Germany). Instructor: Bendix Carstensen. May 2-6.
- 2014 “Educational training for PhDs FRW”. Faculty of Spatial Sciences, University of Groningen, Groningen (the Netherlands). 35 hours. September-October.
- 2012 “La medición de las desigualdades sociales en relación con la salud” (Measurement of social inequalities in health) by Dr. Luis Carlos Silva. GREDS-UPF. 20 hours. Barcelona (Spain). October 8-11.

**Research stays**

- Agència de Salut Pública de Barcelona (Spain), September 19-22, 2016.  
Max Planck Institute for Demographic Research, Rostock (Germany), April-May 2016.

**Conference and seminar contributions**

European Population Conference, Eurostat/UNECE Work Session on Demographic Projections, EAPS Health, Morbidity and Mortality Working Group, Human Mortality Database Symposium, International seminar Alcohol-related losses and policy responses in Lithuania and neighbouring countries, Multidisciplinary Perspectives on Gender Gaps in Health, Dutch Demography Day, Reunión anual de la Sociedad Española de Epidemiología, Southern European Conference on Survey Methodology, and Congreso de Demografía Histórica (30+ contributions, detailed list can be requested).

**Membership**

European Association for Population Studies (EAPS), Sociedad Española de Epidemiología, Dutch Demography Society, EAPS working group on Health, morbidity and mortality, Grupo Español de Jóvenes Epidemiólogos, Alcohol Working Group of the Spanish Society of Epidemiology.

**Referee Experience**

2021- present Associate Editor of Public Health Reviews.

Remote Evaluator of the ERC Starting Grant 2020 SH3.

Journals reviewed for: Addiction, Adicciones, Alcohol, Alcohol and Drug Review, BMC Public Health, BMJ, BMJ Global Health, BMJ Open, Diabetes Care, Drug and Alcohol Dependence, European Journal of Epidemiology, Journal of Epidemiology & Community Health, International Journal of Epidemiology, PlosOne, Scandinavian Journal of Public Health, Scientific Reports, The Lancet Child & Adolescent Health, The Lancet Regional Health - Europe, and Vienna Yearbook of Population Research.

Abstract evaluator for the Reunión Sociedad Española de Epidemiología 2019 & 2020.

**Awards and honours**

2020 'Juan de la Cierva-formation' fellowship. Spanish Government.

2019 Accreditation "Professor Lector" (Assistant Professor), University Quality Agency (AQU), Government of Catalonia.

2018 SEE-CIBERESP award to one of the top-10 best communications presented by young researchers (<36y). Annual meeting of the Spanish Society of Epidemiology, Lisbon (Portugal).

**Other academic activities**

Member of three European Doctoral School of Demography thesis juries, Centre for Demographic Studies, Barcelona (July 2020)

Substitute member of the PhD jury of Rueda-Salazar, Sarahí (December 16<sup>th</sup> 2019). "Condiciones de salud de la población adulta mayor en Europa y América Latina. Aportaciones metodológicas". Supervisors: Jeroen Spijker and Daniel Devolder. PhD in Demography. Autonomous University of Barcelona.

Coordinator Alcohol Research Interest Group at London School of Hygiene & Tropical Medicine (United Kingdom). June 2019-April 2020.

Co-organization of URSI Lunch Seminars (Faculty of Spatial Sciences, University of Groningen), 2017 and 2018.

Co-organization of the workshop "Improving Mortality Forecasts", EAPS Health, Morbidity and Mortality Working Group, Johannes Gutenberg University, Mainz (Germany). 2016, August 31.

**Selected broad cast media**

*La Vanguardia*, April 19th, 2021. "La pandemia reduce en un año y medio la esperanza de vida en España". [Link](#)

*Population Europe*, April 14th, 2021. The need of electronic cause of death medical certificates to improve mortality data quality and availability in a special #COVIDDataTakeover on Twitter: <https://twitter.com/PopulationEU/status/1381907341067620352>

*Agencia EFE*, November 11th, 2020. “La covid-19 ha reducido la esperanza de vida en España en 0,9 años”. [Link](#)

*Lancet Public Health* letter had great impact on the media (October 10th 2020 and onwards): [EFE](#), [La Vanguardia](#), [El Periódico](#), [El País](#), [ABC](#), [20 Minutos](#), [Diari Ara](#), [El Punt Avui](#), [Diari de Girona](#), [La Voz de Galicia](#), [El Corrego Gallego](#), [Faro de Vigo](#), [Diario de Mallorca](#), [El Periódico de Aragón](#), [La Opinión](#), [El Día](#), [El Español](#), [El Confidencial](#), [LaNuevaEspaña](#), [NiusDiario](#), [Vilaweb](#), [EINacional.cat](#), [RTVE](#), [TV3](#), [betevé](#), [EDeconomíaDigital](#), [Redacción médica](#), [Nota de Prensa \(UPC\)](#), [Nota de prensa \(UAB\)](#), [República](#), [Yahoo.noticias](#), [CatalunyaPress](#), [The Objective](#), [El día](#). *La opinión de Tenerife*, [El Periódico](#).

*Infolibre*, August 25th, 2020. “La esperanza de vida se redujo en casi dos años en la Comunidad de Madrid durante la pandemia”. [Link](#)

*El Confidencial*, August 18th, 2020. “Estocolmo frente a Madrid: una lección inesperada sobre desigualdad y pandemia”. [Link](#)

*La Opinión*, *El Correo de Zamora*, July 19th, 2020. “El paso de la pandemia rebaja en un año la esperanza de vida en Zamora”. [Link](#)

*Perfil*, July 16th, 2020. “Diario de la peste: pedir una explicación” [Link](#)

*Radio 4*, July 16th, 2020. Interview. [Link \(39' 18"\)](#)

*La Vanguardia*, July 16th, 2020. “La Covid-19 hundirá la natalidad en España”. [Link](#)

*elDiario.es*, July 12th, 2020. “La pandemia de COVID-19 rebaja la esperanza de vida nueve meses en España y hasta más de dos años en Madrid”. [Link](#) Also in [Business Insider](#)

*Redacción Médica*, June 19th, 2020. “Covid-19: la esperanza de vida en Madrid cae hasta 2 años por la pandemia” [Link](#) Also in [NIUS](#)

*La Información*, June 10th, 2020. “El paso del virus ha recortado hasta 2,7 años la esperanza de vida en Madrid”. [Link](#) Also in [TeleMadrid](#) and [El Plural](#)

*The Times*, August 25th, 2019. “Obesity reduces life expectancy for Irish women by eight months since 1970s, new study shows”. [Link](#)

*GGZtotaal*, a monthly Dutch e-magazine on mental healthcare, January 14th, 2019 on my PhD. “Verschil in levensverwachting tussen Europese landen deels te verklaren door verschil in alcoholconsumptie” [in Dutch]. [Link](#)

*Demografische Forschung Aus Erster Hand*, 2018, Jahrgang 15, 1. Quartal “Weniger Alkohol, mehr Leben” [in German]. [Link](#)

*Population Europe*, March 20th, 2017. “Better Understanding of Alcohol-related Mortality Trends in Europe”. [Link](#)

## Related skills

Languages: Catalan and Spanish (native), English (fluent), and Italian (intermediate).  
 Computer skills: R and Microsoft Office (advanced), STATA and SPSS (basic/intermediate).