

LIST OF INSTITUTIONS ABBREVIATIONS

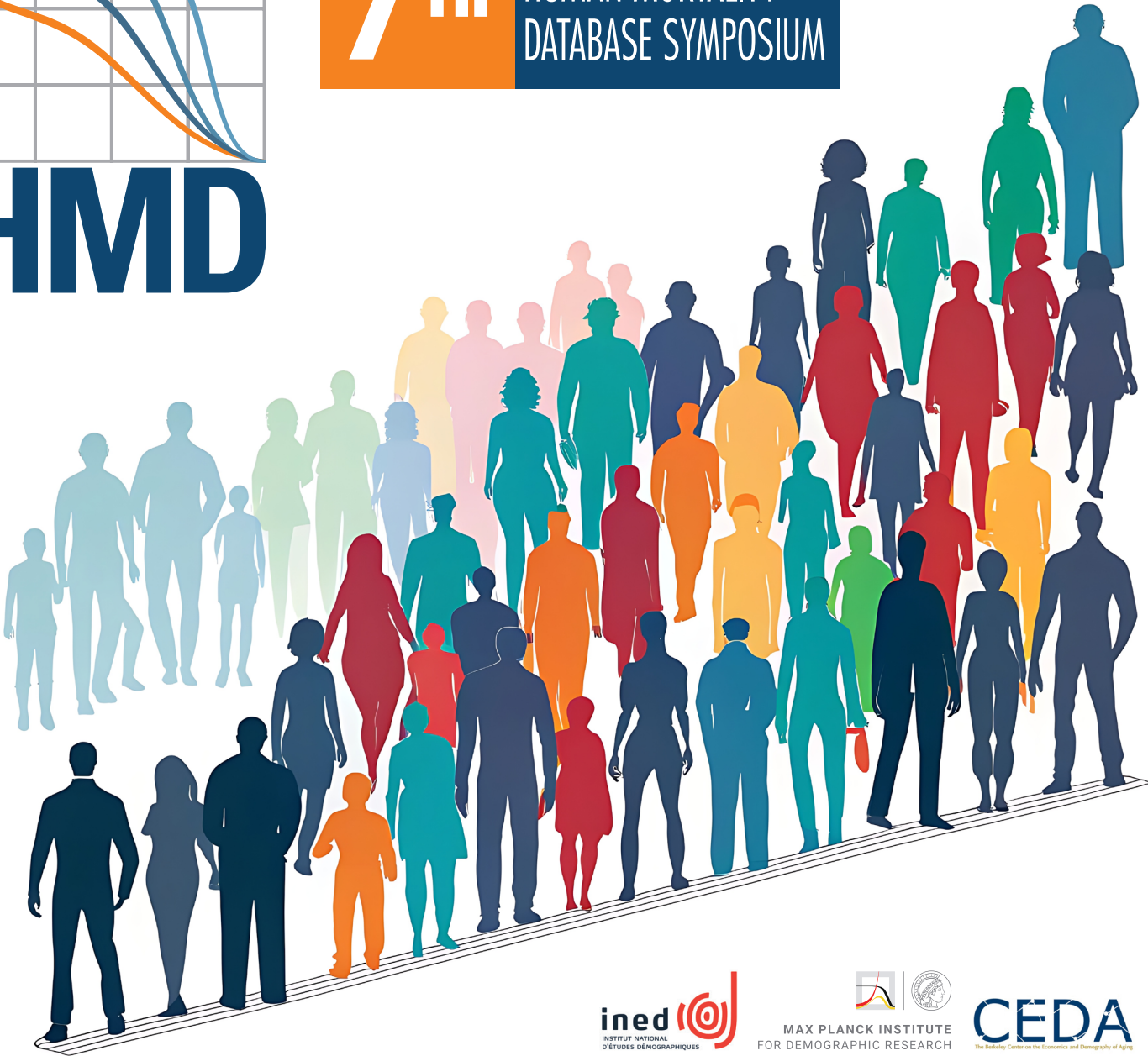
ANU	The Australian National University (Canberra, Australia)
BGU	Ben-Gurion University of the Negev (Beersheba, Israel)
BiB	Federal Institute for Population Research (Wiesbaden, Germany)
CDU	Charles Darwin University (Brinkin, Australia)
CNRS	French National Centre for Scientific Research (Paris, France)
DEMO, UC Louvain	Center for Demographic research, UCLouvain (Louvain-la-Neuve, Belgium)
EPFL	Swiss Federal Institute of Technology (Lausanne, Switzerland)
DSOX	Department of Sociology, University of Oxford (Oxford, UK)
HKUST	Hong Kong University of Science and Technology (Hong Kong)
HSE	National Research University Higher School of Economics (Moscow, Russia)
HUN-REN	Centre for Economics and Regional Studies (Budapest, Hungary)
INED	Institut National d'Études Démographiques (Aubervilliers, France)
IIASA	International Institute for Applied Systems Analysis (Laxenburg, Austria)
ISU	Ilia State University (Tbilisi, Georgia)
LCDS	Leverhulme Centre for Demographic Science, University of Oxford (Oxford, UK)
LSHTM	London School of Hygiene and Tropical Medicine (London, UK)
MPIDR	Max Planck Institute for Demographic Research, (Rostock, Germany)
NCOX	Nuffield College, University of Oxford (Oxford, UK)
NIDI	Netherlands Interdisciplinary Demographic Institute (Den Haag, Netherlands)
NYU	New York University (New York, USA)
SWSLHD	South Western Sydney Drug Health Services (Liverpool, Australia)
Paris1	Université Paris 1 Panthéon Sorbonne (Paris, France)
PRC	Population Research Centre, University of Groningen (Groningen, Netherlands)
RKI	Robert Koch Institute (Berlin, Germany)
SDU	University of Southern Denmark (Odense, Denmark)
TAU	Tel Aviv University (Tel Aviv, Israel)
UCB	University of California Berkeley (Berkeley, USA)
UCD	University College Dublin (Dublin, Ireland)
UNC Chapel Hill	University of North Carolina at Chapel Hill (Chapel Hill, USA)
UM	Maastricht University (Maastricht, Netherlands)
UniCambridge	University of Cambridge (Cambridge, UK)
UniHacettepe	Hacettepe University (Ankara, Turkey)
UniHelsinki	University of Helsinki (Helsinki, Finland)
UniMelbourne	The University of Melbourne (Melbourne, Australia)
UniMontréal	University of Montreal (Montreal, Canada)
UniSouthampton	University of Southampton (Southampton, UK)
UniWarsaw	University of Warsaw (Warsaw, Poland)
UNPD	United Nations Population Division, United Nations (New York, USA)
UoC	University of Cologne (Cologne, Germany)
UOSA	University of St. Andrews (Scotland, UK)
UPV/EHU	University of the Basque Country (Biscay, Spain)
UPenn	University of Pennsylvania (Philadelphia, USA)
UW-Madison	University of Wisconsin (Madison, Wisconsin, USA)
VID	Vienna Institute of Demography (Vienna, Austria)

**DATES**  
October 9-10, 2025

**LOCATION**  
Salle Sauvy, INED, 9 Cours des Humanités,  
93300 Aubervilliers, France (M° line 12, Front  
Populaire)

**SPONSORS**  
INED, CEDA University of California, Berkeley,  
Max Planck Institute for Demographic Research

**ORGANIZERS**  
Magali Barbieri,  
Dmitri Jdanov,  
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Evgeniya Samoshnikova



# GROWING DIVERGENCES IN LONGEVITY IN HIGH-INCOME POPULATIONS

9:00–9:15 Registration

9:15–10:30 OPENING SESSION

**Chair:** Magali Barbieri (INED and UCB; co-Director of the HMD)  
**Welcome:** François Clanché (INED Director), Mikko Myrskylä (MPIDR Director) / Emilio Zagheni (MPIDR Director)  
**HMD plans and challenges:** Dmitri Jdanov (MPIDR; co-Director of the HMD) and Magali Barbieri (INED and UCB; co-Director of the HMD)  
**Is the health transition theory outdated? Keynote:** France Meslé (INED)

10:30–10:50 Coffee break

10:50–12:20 SESSION I: PANDEMIC AND POST-PANDEMIC MORTALITY

**Chair:** Vladimir Shkolnikov (MPIDR)

- Jennifer B. Dowd (LCDS, NCOX); Jonas Schöley (MPIDR); José Manuel Aburto (LCDS, NCOX, LSHTM); Hannaliis Jaadla (UniCambridge); Antonino Polizzi (MPIDR, LCDS, NCOX, DSOX); Haohao Lei (LCDS, NCOX, DSOX); Ridhi Kashyap (LCDS, NCOX, DSOX)

TEMPORARY SHOCK OR LASTING SCAR? THE IMPACT OF COVID-19 ON LIFE EXPECTANCY TRAJECTORIES IN HIGH-INCOME COUNTRIES

- Timothy Adair (UniMelbourne); Sergey Timonin (ANU); Vladimir Canudas-Romo (ANU)

AUSTRALIAN LIFE EXPECTANCY DURING AND BEYOND THE PANDEMIC: INSIGHTS FROM ANALYSIS OF THE INTERACTION OF COVID-19, OTHER RESPIRATORY INFECTIONS AND NON-COMMUNICABLE DISEASES

- Michel Guillot (UPenn, INED); Néstor Aldea-Ramos (Paris 1, INED); Nicholas Mark (UW—Madison); Lawrence L. Wu (NYU)

THE IMPACT OF COVID-19 ON COHORT SURVIVAL

- Nazrul Islam (UniSouthampton)

SOCIOECONOMIC INEQUALITY IN LONGEVITY IN PRE- AND POSTPAN-DEMIC ENGLAND

12:20–13:20 Lunch break

13:30–15:00 SESSION II: SUBNATIONAL MORTALITY

**Chair:** Denys Dukhovnov (UCB)

- Florian Bonnet (INED); Ina Alliger (BiB); Carlo-Giovanni Camarda (INED); Sebastian Klüsener (BiB, UoC); France Meslé (INED); Michael Mühlichen (BiB); Josselin Thuilliez (CNRS); Pavel Grigoriev (BiB)

POTENTIALS AND CHALLENGES FOR SUSTAINABLE PROGRESS IN HUMAN LONGEVITY. EMPIRICAL EVIDENCE FROM SUBNATIONAL MORTALITY TRENDS IN EUROPE

- Jacob Martin (INED, UPV/EHU)

UNDERSTANDING THE RECENT DIVERGENCE IN DEPARTMENTAL MORTALITY IN FRANCE

- Michael Mühlichen (BiB); Pavel Grigoriev (BiB); Florian Bonnet (INED); Rok Hrzic (UM); Mathias Lerch (EPFL); Niels Michalski (RKI); Fabian Tetzlaff (RKI); Jens Hoebel (RKI); Sebastian Klüsener (BiB, UoC)

AVOIDABLE MORTALITY AND SOCIOECONOMIC DEPRIVATION IN EUROPE: AN ECOLOGICAL STUDY ACROSS 431 REGIONS IN 22 COUNTRIES, 2002– 2019

- Irma T. Elo (UPenn), Anneliese N. Luck (UPenn), and Sylvie Tuder (UNC Chapel Hill)

PRE-COVID-19 GEOGRAPHIC INEQUALITIES IN NON-HISPANIC BLACK US LIFE EXPECTANCY, 1990 TO 2019

15:00–15:30 Coffee break

15:30–17:30 SESSION III: UK AND US: WHY THE SLOWING DOWN OR REVERSAL IN SURVIVAL PROGRESS?

**Chair:** France Meslé (INED)

- David Leon (LSHTM); Vladimir Shkolnikov (MPIDR); Dmitri Jdanov (MPIDR)

LONG-TERM NEGATIVE DIVERGENCE IN MORTALITY AT AGES 25-49 YEARS BETWEEN THE UNITED KINGDOM AND 21 PEER COUNTRIES BETWEEN 1990 AND 2019

- Jesús-Daniel Zazueta-Borboa (LCDS, NCOX, NIDI); Wen Su (LCDS, NCOX), Alyson van Raalte (MPIDR), José Manuel Aburto (LCDS, LSHTM), Jennifer B. Dowd (LCDS, NCOX)

SHORTER AND UNCERTAIN LIFESPANS FOR THE USA AND UK? AN INTERNATIONAL COMPARISON OF TRENDS IN LIFESPAN VARIATION ACROSS HIGH-INCOME COUNTRIES

- Antonino Polizzi (MPIDR)

ASSESSING UNITED STATES MORTALITY AT FIXED LIFE EXPECTANCY THRESHOLDS

- Alyson van Raalte (MPIDR)

ARE COHORTS DRIVING US MORTALITY SLOWDOWNS? LEXIS SURFACES OF MORTALITY IMPROVEMENT BY CAUSE OF DEATH IN THE USA

- Al Klein (Milliman)

ARE INCREASING DIFFERENCES IN MORTALITY BY SOCIOECONOMIC GROUPS WITHIN THE U.S. DRIVING HIGHER OVERALL MORTALITY?

POSTER PRESENTATIONS

Posters will be presented during the entire Symposium. All authors are asked to be around their poster on Thursday from 17:30 to 18:00.

- Svitlana Poniakina (INED) — Exploring the Human Cause-of-Death Data Series: Content, Structure, and Scope
- Timothy Adair (UniMelbourne); Han Li (UniMelbourne) — Revealing the Hidden Inequality in Longevity in Australia
- Ina Alliger (BiB); Michael Mühlichen (BiB); Pavel Grigoriev (BiB) — REDIM Data Repository: An Open-Access Collection of Regional Cause-Specific Mortality Data for European Countries
- José Andrade (MPIDR); Carlo Giovanni Camarda (INED); Héctor Pifarré i Arolas (UW—Madison) — Cohort mortality forecasts indicate signs of deceleration in life expectancy gains
- Özer Bakar (UniHacettepe) — Applying HMD Methods Protocol to the Turkish Mortality Data
- Magdalena Muszyńska-Spielauer (VID); Agnieszka Fihel (UniWarsaw) — Reevaluating the Slowdown of Life Expectancy Improvements in Low-Mortality Countries: The Role of Cohort Effects
- Tatiana Sitchinava (ISU); Nina Gomelauri (ISU) — Demographic Crisis in Georgia: A Post-Soviet Case Study of Declining Fertility, Rising Mortality, and the Looming Threat of Population Collapse
- Csaba G. Tóth (HUN-REN) — New Approach to Understanding Population Change in Central and Eastern Europe
- Chiara Micheletti (MPIDR), Alyson van Raalte (MPIDR), Pekka Martikainen (MPIDR-UniHelsinki), Shubhankar Sharma (UOSA)— Multistate Distributions and Cardiovascular Morbidity in Finland: Examining Sex and Educational Inequalities over Two Decades

9:00–11:00 SESSION IV: GLOBAL TRENDS

**Chair:** Domantas Jasilionis (MPIDR)

- Patrick Gerland (UNPD); Ivan Williams (UNPD)

UN INSIGHTS ON EVALUATING AND ADJUSTING MORTALITY DATA FROM CRVS FOR NON-HMD COUNTRIES: ADDRESSING CHALLENGES AND STRATEGIES IN ESTIMATING MORTALITY AT OLDER AGES

- Bruno Masquelier (DEMO,UCLouvain); Ashira Menashe-Oren (DEMO,UCLouvain)

MORTALITY INEQUALITIES WORLDWIDE (1950-2023): IS CONVERGENCE AT A HISTORICAL CROSSROADS?

- Isaac Sasson (TAU); Yan Zheng (TAU); Alyson van Raalte (MPIDR)

THE IMPACT OF SLOWDOWN IN MORTALITY IMPROVEMENTS ON LIFESPAN INEQUALITY IN HIGH-INCOME COUNTRIES

- Jiaxin Shi (UW—Madison,HKUST); Jason Fletcher (UW—Madison)

THE EFFECTS OF WWII ON POST-WAR MORTALITY

- Jim Oeppen (SDU)

CAUSES OF DEATH AND NATIONAL INCOME: REVISITING THE PRESTON CURVE

11:00–11:30 Coffee break

11:30–13:00 SESSION V: CAUSE-SPECIFIC MORTALITY

**Chair:** Svitlana Poniakina (INED)

- Helena Chui (CDU); Kaniz Fatema (SWSLHD)

GENDER DIFFERENCE IN THE TREND OF SUICIDE MORTALITY IN AUSTRALIA, 1907-2022

- Clara Girault (UniSouthampton)

ESTIMATING HIDDEN SUICIDES WITHIN “GARBAGE CODES” AT THE NATIONAL LEVEL IN HIGH-INCOME COUNTRIES: A COMPARATIVE APPROACH OF METHODS USING AGGREGATED AND INDIVIDUAL-LEVEL MORTALITY DATA

- Chia Liu (UOSA)

A COMPARATIVE ANALYSIS ON OLDER-AGE SUICIDE IN JAPAN, TAIWAN, AND SOUTH KOREA

- Sergey Timonin (ANU); Timothy Adair (UniMelbourne); Jennifer Welsh (ANU); Vladimir Canudas-Romo (ANU)

SOCIOECONOMIC INEQUALITIES IN LIFE EXPECTANCY IN AUSTRALIA, 2013-22: AN ECOLOGICAL STUDY OF TRENDS AND CONTRIBUTIONS OF CAUSES OF DEATH

13:00–14:00 Lunch break

14:00–15:30 SESSION VI: MODELS AND MEASURES

**Chair:** Carl Boe (UCB)

- Pedro Menezes De Araújo (UCD); Isobel Claire Gormley (UCD); Thomas Brendan Murphy (UCD); Ugofilippo Basellini (MPIDR)

AN INTEGRATED APPROACH TO CLUSTER MORTALITY DATA OVER TIME AND ACROSS COUNTRIES

- Silvio Patricio (SDU); Paola Vazquez-Castillo (SDU)

A PROBABILISTIC FRAMEWORK FOR ESTIMATING THE MODAL AGE AT DEATH

- Jon Anson (BGU); Omer Anson (Independent)

LIFE TABLE ENTROPY: A TOOL FOR UNLOCKING HIDDEN INFORMATION

- Paola Vazquez-Castillo (SDU); Silvio Cabral Patricio (SDU); Maire-Pier Bergeron-Boucher (SDU)

REVISITING MORTALITY REGULARITIES: EMPIRICAL INSIGHTS ON THE MODAL AGE AT DEATH

15:30–16:00 Coffee break

16:00–17:45 SESSION VII: NEW INSIGHTS

**Chair:** Dimitri Jdanov (MPIDR)

- Nadine Ouellette (UniMontréal)

OLD-AGE MORTALITY TRENDS SINCE 1950 IN NINE COUNTRIES AND THEIR IMPLICATIONS FOR FUTURE LONGEVITY

- Daniel Meier (Swiss Re)

MORTALITY IMPACTS FROM GLP-1 WEIGHT LOSS DRUGS

- Vladimir Shkolnikov (MPIDR), Alexey Schur (HSE), Egor Sergeev (HSE), Sergey Timonin (ANU)

EAST-WEST HEALTHY LIFE EXPECTANCY DIVIDE IN EUROPE AFTER ADJUSTMENT FOR OVERREPORTED “FAIR” HEALTH IN RUSSIA

- Paige Park (UCB)

NEXT GENERATION MORTALITY FORECASTING: CAPABILITIES AND CAVEATS OF DEEP LEARNING

- Isabella Marinetti (MPIDR)

ANALYSIS OF INTRA-ANNUAL MORTALITY FLUCTUATIONS BY CAUSES OF DEATH IN ITALY

17:45–18:00 SESSION VII: CLOSING