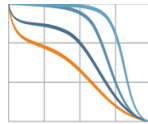




MAX-PLANCK-INSTITUT
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RESEARCH

Recent Trends and Future Uncertainties in Longevity The 5th Human Mortality Database Symposium



- Dates** 13–15 May 2019
- Location** Harnack Haus
Berlin, Germany
- Sponsor** Max Planck Institute for Demographic Research
Rostock, Germany
- Organizers** Dmitri Jdanov, Domantas Jasilionis,
Vladimir Shkolnikov, Magali Barbieri

PROGRAMME

Monday, May 13

9:00–9:20 Welcome and Introduction

Dmitri Jdanov (MPIDR)

Vladimir M. Shkolnikov (Director of the HMD; MPIDR)

Magali Barbieri (Associate Director of the HMD; UCB and INED)

9:20–10:00 KEYNOTE TALK I • Chair: Jacques Vallin

Mikko Myrskylä (MPIDR)

TBA

10:00–10:30 COFFEE BREAK

10:30–12:00 SESSION I: Mortality patterns and longevity • Chair: Vladimir Shkolnikov

- **Guillot, M.** (PennPSC); **Romero Prieto, J.** (CEER); **Verhulst, A.**; **Gerland, P.** (UNPD)
Modeling age-specific mortality by detailed age between 0 and 5 years: Results from a log-quadratic model applied to high-quality vital registration data
- **Diaconu, V.** (MPIDR); **Ouellette, N.** (UdEM); **Horiouchi, S.** (CIDR)
Inverse function of mortality as a measure of longevity extension
- **di Lego, V.** (VID/ ÖAW)
How many times have our lives been saved? A reappraisal of the resuscitation approach using HMD data
- **Hui, Z.** (OSU); **Siwei, C.** (NYU)
A Simulation Study of the Role of Cohort Forces in Mortality Patterns

12:00–13:00 LUNCH BREAK

13:00–13:40 KEYNOTE TALK II • Chair: France Meslé

James W. Vaupel (SDU)

Postponements of Mortality: Evidence from HMD Data and Implications for Forecasting

13:40–14:45 SESSION II: Frontiers of longevity • Chair: France Meslé

- **Cheung, KSL.** (HKU); **Wang, J.**(RUC); **Robine, JM.** (INED)
Beyond a mortality plateau: a fresh inquiry into the adult longevity and the force of old-age mortality
- **Poulain, M.**(UCLouvain); **Herm, A.** (TLU)
Comparing Longevity and Mortality Levels at Highest Ages with the Help of HMD
- **Jasilionis, D.**(MPIDR); **Martikainen, P.**(UH); **Shkolnikov, V.** (MPIDR, HSE)
Educational components of national longevity advances in Nordic countries

14:45–15:15 COFFEE BREAK

15:15–15:45 **KEYNOTE TALK III** • *Chair: Dmitri Jdanov*

Emilio Zagheni (MPIDR)

TBA

15:45–16:45 **SESSION III: Consistency of national and subnational mortality data** • *Chair: Dmitri Jdanov*

- **Oeppen, J.** (SDU)
Net-Migration in the Human Mortality Database and related databases
- **Barbieri, M.** (UCB, INED); **Winant, C.** (UCB); **Dukhovnov, D.** (UCB); **Boe, C.** (UCB)
Extending the HMD approach to regional databases - An illustration with the United States Mortality Data Base (USMDB)
- **Danilova, I.** (MPIDR)
Consistency of longitudinal time series in cause-specific mortality over the ICD-10 period

16:45–17:00 BREAK

17:00–18:00 **ROUND TABLE I: The HMD today and tomorrow: challenges and opportunities**

Moderator: TBA

Discussants: TBA

18:00 – 19:00 DINNER AT THE HARNACK HAUS

19:00–20:00 **Poster session**

Tuesday, May 14

9:00–9:40 **KEYNOTE TALK IV** • Chair: Magali Barbieri

Fanny Janssen (PRC, UG)

The role of smoking, alcohol and obesity in past and future mortality levels and trends in Europe

9:40–10:20 **SESSION IV: Causes of death and determinants I** • Chair: Magali Barbieri

- **Doblhammer-Reiter, G.; Fritze, T.** (UniRostock)
Dementia may become the leading disease at the time of death in Germany: probabilistic disease-projections among the deceased
- **Sasson, I.**(TAU); **Hayward. M.** (UT Austin)
“Deaths of despair” revisited: Widening educational disparities in US adult life expectancy, 2010–2017

10:20–10:40 COFFEE BREAK

10:40–11:20 **KEYNOTE TALK V** • Chair: Domantas Jasilionis

Vladimir M. Shkolnikov (MPIDR, HSE)

TBA

11:20–12:00 **SESSION V: Causes of death and determinants II** • Chair: Domantas Jasilionis

- **Trias-Llimós, S.** (LSHTM); **Leon, DA** (LSHTM, UiT)
Linking multiple risk factors to cardiovascular mortality for understanding country differences
- **Andreev, E.**(HSE); **Timonin, S.**(HSE); **Shkolnikov, V.** (MPIDR, HSE)
The dramatic increase in HIV/Aids mortality in Russia. What do vital statistics tell us?

12:00– 13:00 LUNCH BREAK

13:00–14:30 **SESSION VI: Modelling mortality patterns** • Chair: Trifon Missov

- **Nemeth, L.** (MPIDR)
Mortality pattern at adult and older ages
- **Noymer, A.** (UCI)
Using Benford’s law to access life table ensembles: HMD and the WHO Model life tables
- **Reynolds, N.** (Brown)
Increasing mortality of white Americans, a systematic deviation from Gompertz law, and a trend break in cohort health
- **Swanson, D.** (UCR)
Constructing Life Tables from the Kaiser Permanente Smoking Study and Applying the Results to Models Designed to assess the Population Health Impact of Reduced Risk Tobacco Products

14:30–14:45 COFFEE BREAK

14:45–15:45 **SESSION VI: Sex differentials** • *Chair: Inna Danilova*

- **Booth, H.**(ANU); **Qi, C.**(ANU); **Canudas-Romo, V.** (ANU)
An extended decomposition of change in the sex-gap in life expectancy: elucidating the underlying mechanism
- **Van Raalte, A.** (MPIDR); **Aburto, JM.**(MPIDR); **Kashyap, R.** (OX); **Zarulli, V.** (SUD)
Sex differences in life expectancy and lifespan dispersion: long-term patterns and emerging crossovers
- **Wang, J.**(HKU); **Cheung, KSL.**(RUC); **Robine, JM.** (INED)
Sex Difference of the Compression of Mortality in Mainland China--Based on the Adjusted Census Data using Brass-logit method

15:45– 16:00 BREAK

16:00–17:00 **SESSION VII: Spatial inequalities** • *Chair: Pavel Grigoriev*

- **Barbieri, M.**(UCB, INED); **Oullette, N.**(UdeM); **Riffe, T.**(MPIDR); **Winant, C.** (UCB)
Regional diffusion of the cardiovascular revolution in the United States
- **Klüsener, S.** (BiB); **Van Raalte, A.**(MPIDR); **Oksuzyan, A.**(MPIDR); **Grigoriev, P.** (MPIDR)
Small regional disparities in mortality with large regional disparities in economic conditions: the case of Germany
- **Bonnet, F.** (PSE); **D`Albis, H.** (PSE)
Spatial Inequality in Mortality in France over the past two centuries

17:00–18:00 **ROUND TABLE II: Recent trends and future of longevity**

Moderator:

Discussants:

18:00 END OF THE SYMPOSIUM

POSTER PRESENTATIONS

Posters should be presented during the entire first day of the Symposium

- **Ainhoa Alustiza Galarza** (MPIDR)
Human Life-Table Database: Data Resource Profile
- **Mark Brandenburg** (BMC)
Native American Mortality Time Trends in Oklahoma: An Ecological Study of the 45-54-Year-Old Age Group (1999-2016)
- **Eralda Gjika** (University of Tirana), **Olgerta Idrizi** (University of Albania), **Lule Basha** (University of Tirana), **Eni Dharmo** (University of Tirana)
Analysis of Life Expectancy and Mortality Rate in Western Balkan Region. Projections for Albania
- **Olga Grigoriev** (MPIDR), Rembrandt Scholz (Berlin Institute for Social Research), Gabriele Doblhammer (UniRostock)
Mortality of people with reduced earning capacity: does it contribute to the difference between East and West Germany?
- **Reiko Hayashi, Futoshi Ishii, Motomi Beppu, Yu Korekawa** (all - IPSS), **Emiko Shinohara** (University of Tokyo)
The trend of sudden death in Japan
- **Yu-Chieh Hsu** (UNDP), **Heriberto Tapia** (UNDP)
Older people facing new inequalities: life expectancy in Chile
- **Elena Papanova** (HSE)
Applying the Method of Extinct Generations for Estimating Old-Age Population and Mortality in Moscow
- **Filipe Ribeiro** (University of Évora, Portugal)
Revisiting life tables construction: how different laws can influence mortality forecasts
- **Daniel Schneider** (MPIDR)
Software Module(s) to Access and Work with Data from the Human Mortality Database
- **Aleksei Shchur** (HSE)
Mortality differentials in Russian biggest cities and their surrounding territories
- **David Swanson** (University of Washington and University of California Riverside, USA)
Estimating the underlying infant mortality rates for small populations: A case study of counties in Estonia
- **Annelene Wengler** (RKI), **Janko Leddin** (RKI), **Alexander Rommer** (RKI), **Elena von der Lippe** (RKI)
Redistribution of ill-defined codes in the causes of death statistics
- *International Database on Longevity: Data Resource Profile*

List of institutions abbreviations

ANU	Australian National University (<i>Canberra, Australia</i>)
BiB	Federal Institute for Population Research (<i>Wiesbaden, Germany</i>)
BMC	Bristol Medical Center (<i>UK</i>)
Brown	Brown University (<i>Providence, USA</i>)
CEER	Centro de Estudios Económicos Regionales (<i>Cartagena, Colombia</i>)
CIDR	CUNY Institute for Demographic Research (<i>New York, USA</i>)
HKU	University of Hong Kong, Mindlink Research Centre (<i>Hong Kong</i>)
HSE	National Research University Higher School of Economics (<i>Moscow, Russia</i>)
INED	Institut National d'Études Démographiques (<i>Paris, France</i>)
IPSS	National Institute of Population and Social Security Research (<i>Japan</i>)
LSHTM	London School of Hygiene and Tropical Medicine (<i>London, UK</i>)
MPIDR	Max Planck Institute for Demographic Research, (<i>Rostock, Germany</i>)
NYU	New York University (<i>New York, USA</i>)
ÖAW	Austrian Academy of Sciences (<i>Vienna, Austria</i>)
OSU	The Ohio State University (<i>Columbus, USA</i>)
OX	Nuffield College, University of Oxford (<i>Oxford, UK</i>)
Paris1	Université Paris 1 Panthéon Sorbonne (<i>Paris, France</i>)
PennPSC	Population Studies Center, University of Pennsylvania (<i>Philadelphia, USA</i>)
PRC	Population Research Centre (<i>Groningen, Netherlands</i>)
PSE	Paris School of Economics (<i>Paris, France</i>)
RKI	Robert Koch Institute (<i>Berlin, Germany</i>)
RUC	Renmin University of China (<i>Beijing, China</i>)
SDU	University of Southern Denmark (<i>Odense, Denmark</i>)
TAU	Tel Aviv University (<i>Tel Aviv, Israel</i>)
TLU	Tallinn University (<i>Estonia</i>)
UCB	University of California Berkeley (<i>Berkeley, USA</i>)
UCI	University of California, Irvine (<i>Irvine, USA</i>)
UCLouvain	Université Catholique de Louvain (<i>Louvain-la-Neuve, Belgium</i>)
UCR	University of California Riverside (<i>Riverside, USA</i>)
UdeM	Université de Montreal (<i>Montreal, Canada</i>)
UG	University of Groningen (<i>Groningen, Netherlands</i>)
UH	University of Helsinki (<i>Helsinki, Finland</i>)
UiT	The Arctic University of Norway (<i>Tromsø, Norway</i>)
UniRostock	University Rostock (<i>Rostock, Germany</i>)
UniTirana	University of Tirana (<i>Albania</i>)
UNPD	United Nations Population Division, United Nations (<i>New York, USA</i>)
UNDP	United Nations Development Programme
UT Austin	University of Texas at Austin (<i>Austin, USA</i>)
VID	Vienna Institute of Demography (<i>Vienna, Austria</i>)