



MAX-PLANCK-INSTITUT
FÜR DEMOGRAFISCHE
FORSCHUNG

MAX PLANCK INSTITUTE
FOR DEMOGRAPHIC
RESEARCH

Satellite meeting

Mortality data and methodological approaches in estimating mortality in developing countries



May 15 2019
Harnack Haus, Berlin

Objective	The number of countries included in the Human Mortality Database (HMD) has been approaching its limits due to strict requirements for coverage and reliability of population statistics. The HMD project considers several directions for further development taking into account the global importance and growing demand for more reliable and comparable mortality estimates for developing countries. The main goal is to obtain reliable and consistent mortality estimates by using country-specific data-intensive approach combined with standardized methods and uniform principles. The objective of this satellite meeting is to explore and discuss possibilities to extend the HMD approach to China, India, and other middle- and low-income developing countries.
Date	May 15 2019
Location	Goethe Hall, Harnack Haus <i>Ihnestr. 16-2, Berlin (Germany)</i> https://www.harnackhaus-berlin.mpg.de/2316/en
Sponsor	Max Planck Institute for Demographic Research <i>Rostock, Germany</i>
Organizers	Domantas Jasilionis, Dmitri Jdanov
Topics	<ul style="list-style-type: none">• Quality of mortality and population data• Developments in direct and indirect mortality estimations• Advantages and disadvantages of model-based mortality estimates

PROGRAMME

Wednesday, May 15

8:30–9:00 **Registration**

9:00–9:15 **Welcome and Introduction**

Domantas Jasilionis (MPIDR)

9:15–10:45 **SESSION I: Collaborative studies by the HMD project team** • *Chair: Domantas Jasilionis*

- **Trifon Missov et al.** (MPIDR /PU/ CPDRD)
Mortality estimates for China and its regions: solving data and methodological challenges
- **Vladimir M. Shkolnikov et al.** (MPIDR /IIPS)
Reconstructing age-specific mortality in India using data with pronounced age heaping from DLHS and NFHS surveys
- **Magali Barbieri et al.** (UCB / AMS-HW)
Issues in constructing HMD data series in middle-income countries: The case of Mexico

10:45–11:00 **COFFEE BREAK**

11:00–12:30 **SESSION II: Monitoring mortality trends and differentials** • *Chair: K.S. James*

- **Christophe Z. Guilmoto** (CEPED), **Nandita Saikia** (IIASA, JNU)
Local mortality estimation in India. Can we avoid Census data?
- **Hiram Beltrán-Sánchez** (UCLA-FSPH)
Impact of delayed effects on human old-age mortality
- **Yong Cai** (UNC-CPC)
Mortality trends and variation in China

12:30–13:30 **LUNCH BREAK**

13:30–15:00 **SESSION III: Data challenges: India and China** • *Chair: Mathias Lerch*

- **Danan Gu** (UNPD)
Data quality of mortality in Chinese censuses
- **Usha Ram** (IIPS)
Sample Registration System in India
- **Cheng Li** (ANU/ZJU), **Hong Mi** (ZJU)
Assessments of Provincial Mortality in China's 2010 Population Census: a study based on the DCMD model life table

15:15–16:15: **SESSION IV: Data challenges: Latin American Countries** • *Chair: Hiram Beltrán-Sánchez*

- **Andres Barajas Paz, Andrew Cairns, Torsten Kleinow (HW)**
Age heaping in population data of emerging countries
- **Marília Nepomuceno (MPIDR), Cassio M. Turra (UFMG)**
The population of centenarians in Brazil: An historical analysis from 1900 to 2010
- **Iván Williams, Tim Riffe (MPIDR)**
Argentinian data quality assessment for HMD family of databases

16:15–17:00 **ROUND TABLE: Discussion and Conclusions** • *Moderator: Dmitri Jdanov*

Discussants:

- K.S. James (IIPS)**
- Christophe Z. Guilmoto (CEPED)**
- Hiram Beltrán-Sánchez (UCLA-FSPH)**
- Cuiling Zhang (CPDRD)**
- Mathias Lerch (MPIDR)**

List of institutions abbreviations

AMS-HW	Dep. of Actuarial Mathematics & Statistics, Heriot-Watt University (<i>Edinburgh, Scotland, UK</i>)
CEPED	Centre Population et Développement, Université Paris Descartes (<i>Paris, France</i>)
CPDRD	China Population and Development Research Center (<i>Beijing, China</i>)
HKU	University of Hong Kong, Mindlink Research Centre (<i>Hong Kong</i>)
IIASA	International Institute for Applied Systems Analysis (<i>Laxenburg, Austria</i>)
IIPS	International Institute for Population Sciences, Deemed University (<i>Deonar Mumbai, India</i>)
INED	Institut National d'Études Démographiques (<i>Paris, France</i>)
JNU	Jawaharlal Nehru University (New Delhi, India)
MPIDR	Max Planck Institute for Demographic Research, (<i>Rostock, Germany</i>)
PU	Peking University (<i>Beijing, China</i>)
RUC	Renmin University of China (<i>Beijing, China</i>)
UCB	University of California Berkeley (<i>Berkeley, USA</i>)
UCLA-FSPH	University of California Los Angeles Fielding School of Public Health (<i>Los Angeles, USA</i>)
UFMG	Federal University of Minas Gerais (<i>Belo Horizonte, Brazil</i>)
UNC-CPC	Carolina Population Center, University North Carolina (<i>Chapel Hill, USA</i>)
UNPD	United Nations Population Division, United Nations (<i>New York, USA</i>)
ZJU	Zhejiang University (<i>Hangzhou, China</i>)