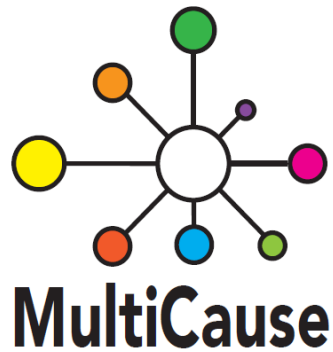




Sixth meeting of the MultiCause network
Mercè Rodoreda Auditorium, Pompeu Fabra University,
Ciutadella Campus, Ramon Trias Fargas, 25-27, 08005 Barcelona

Barcelona, 16 & 17 October 2025

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Organizing committee: Aline Désesquelles, Viviana Egidi, Sergi Trias-Llimós

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DAY 1. Thursday 16 October 2025

9.00-9.15 Registration

9.15-9.30 Welcome by Aline Désesquelles, Viviana Egidi and Sergi Trias-Llimós

9.30-10.45 Session 1. Inequalities (Chair: Tim Adair)

Marcelo Pereira da Souza Fleury, Valéria Fachine, Ana Maria Nogales Vasconcelos – Sociodemographic disparities in alcohol-related mortality in Brazil: Insights from a multiple cause-of-death approach (2018-2023)

Enrique Pérez-Miguel, Sergi Trias-Llimós - The role of cardiovascular risk factors on educational and regional inequalities in mortality in Spain 2016-2022: An analysis using multiple causes of death

Magali Barbieri et al. – “Socioeconomic variations in multi-morbidity at death in the United States”

10.45-11.15 Coffee break

11.15-12.45 Session 2. New methods (Chair: Ana Maria Nogales)

Tim Adair - Measuring multiple causes of death using an empirical weighting method

Marie-Pier Bergeron-Boucher, Sergi Trias-Llimós, Aline Désesquelles - Diversity in Causes of Death: A New Approach Using Multiple Causes of Death Life Tables

Francesco Grippo, Luisa Frova, Marilena Pappagallo, Magali Barbieri, Sergi Trias-Llimós, Viviana Egidi, France Meslé & Aline Désesquelles - Beyond the underlying cause of death: an algorithm to study multi-morbidity at death

Giovanni Romanò, **Cristian Castiglione**, **Daniele Durante** - Dependent Stochastic Block Models for Age-Indexed Sequences of Directed Causes-of-Death Networks

12.45-14.00 Networking lunch

14.00-15.15 Session 3. Multi-morbidity I (Chair: Viviana Egidi)

Marie-Pier Bergeron-Boucher, Cosmo Strozza - Competing Causes of Death: Quantifying the Probability of Dying from One Cause Before Another

Elise Coudin, Aline Désesquelles, **Fanny Godet**, France Meslé - Patterns and trends of multi-morbidity at death in France in the last 20 years

Aline Desesquelles et al. - Multi-morbidity at death: what are the most common causes of death involved?

15.15-15.45 Break

15.45-16.45 Session 4. Decoding Mortality in Particular Settings I (Chair: Magali Barbieri)

Ana Maria Nogales Vasconcelos, Luana Barreto, Veléria Fachine, Marcelo Pereira de Souza Fleury, Leandro Correia - Multimorbidity and mortality from Chagas disease in Brazil between 2000 and 2023

Flori Tawelo Watawelo, Isidore Onoleka, Longengo - Maternal Mortality and Multimorbidity in Armed Conflict Settings: A Multifactorial Analysis Based on Multiple Causes of Death in the DRC

DAY 2. Friday 17 October 2025

9.00-10.30 Session 5. Multi-morbidity II (Chair: France Meslè)

Joel E. Cohen, T.J. Lin, Alice Eggleston, Mirta Milanes, Amro Hassan, Andrea Cassells - Enhanced Charlson Comorbidity Index varies more among 1 older people in four U.S. health systems

Elizaveta Ukolova - How end-of-life morbidity translates into multiple causes of death

Cosmo Strozza, Elizaveta Ukolova, Marie-Pier Bergeron-Boucher - Understanding end-of-life multimorbidity: An analysis of Multiple Causes of Death in Denmark

Linh Hoang Khanh Dang, Nicola Caranci, Rosella Rettaroli, Giulia Roli, Rossella Miglio - A flexible approach to monitor the multimorbidity of chronic diseases using graphical models and network analysis

10.30-11.00 Coffee break

11.00-12.15 Session 6. Covid and other infectious diseases (Chair: Sergi Trias-Llimós)

Doris Durán N, Jay S. Kaufman, Arnaud Chiolero, Cristian Carmeli - Multiple Causes of Death Data to Track Chronic Disease: Insights from the COVID-19 Pandemic

Tim Adair, Sergey Timonin, Vladimir Canudas-Romo - Australian life expectancy during and beyond the pandemic: Insights from analysis of the interaction of COVID-19, other respiratory infections and non-communicable diseases

Luisa Frova, Enrico Grande, Marilena Pappagallo, Francesco Grippo - Sepsis-related mortality in older adults in Italy: a nationwide analysis using multiple cause-of-death data

12.15-13.15 Networking lunch

13.15-14.30 Session 7. Decoding Mortality in Particular Settings II (Chair: Luisa Frova)

Karen Bishop, Katrina Sheehan, Michelle Gourley - What do Australians die from? An assessment using multiple causes of death

Henriette Steppuhn, Franz Hofmann, Simone Zieris, Hannelore Neuhauser, Andrea Buschner - Mortality associated with ischemic heart diseases - an analysis based on multiple cause of death data from two German regions

Andrea Buschner, Rossana Purruicker - Different types of suicide deaths 2020 to 2023 in Bavaria - grouping by comorbidities using latent class analysis

14.30-15.00 Concluding remarks