

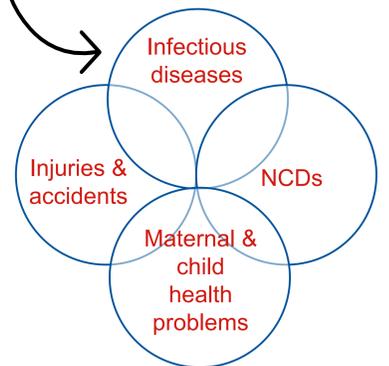
# Inequalities in multimorbid life expectancy in South Africa: a multistate modelling approach

Anastasia Lam, Katherine Keenan, Mikko Myrskylä, Hill Kulu

**Multimorbidity** – 2+ of the following conditions: Alzheimer’s disease, arthritis, asthma, cancer, depression, diabetes, emphysema, epilepsy, heart disease, HIV, hypertension, kidney problems, stroke



South Africa



**Data** – South African National Income Dynamics Study (NIDS) Waves 1-5 (2008-2017)

**Discrete-time multistate Markov models**

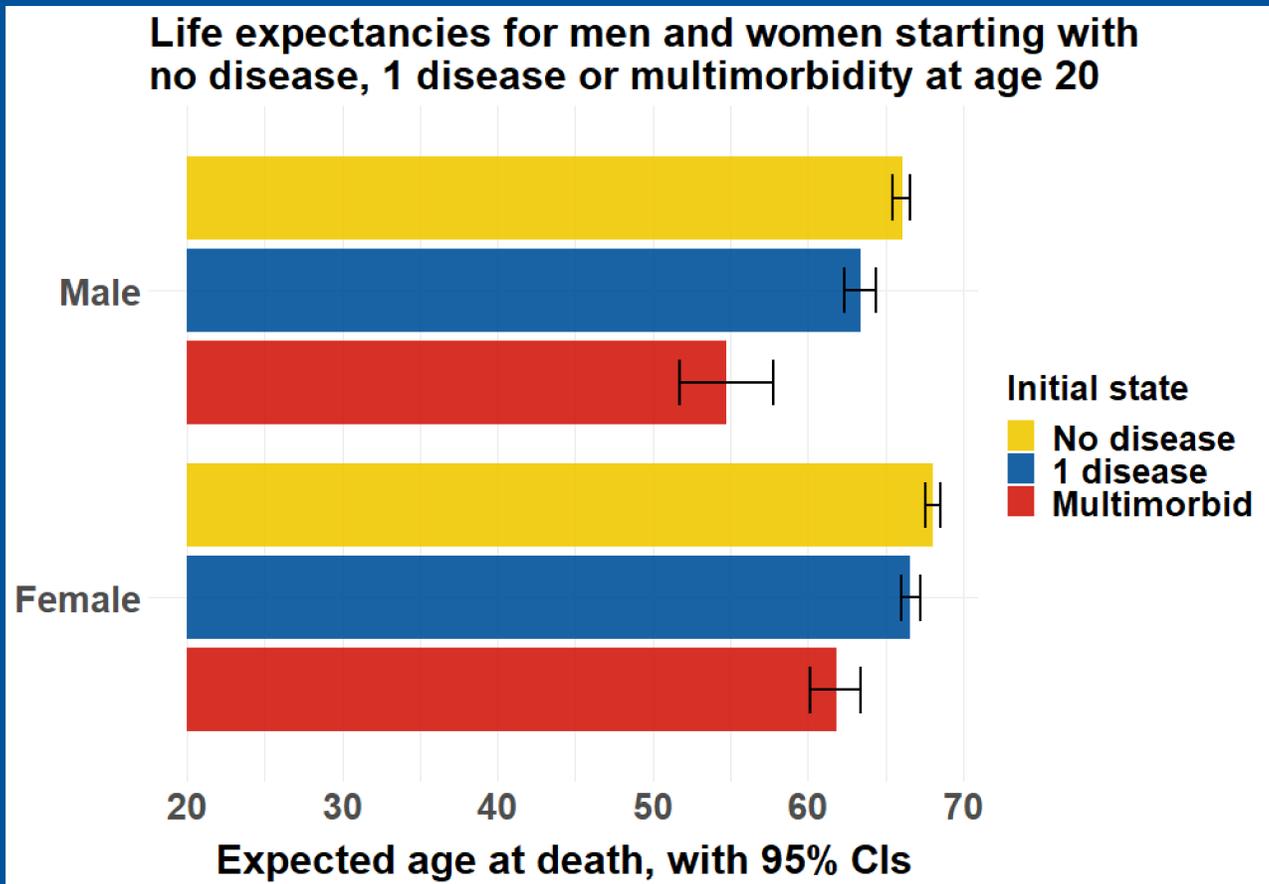


State and life expectancies from age 20



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# How does life expectancy for people with multimorbidity differ by sex and race?



Women who start with no or 1 disease at age 20 live 2-3 years longer than men.

Women with multimorbidity at age 20 live 7 years longer than men with multimorbidity.

Generally, people with more healthy life expectancy spend less time with multimorbidity.

Women spend more time with multimorbidity than men across all races.

