



# Healthy lives: Delayed onset, improved recovery, or mortality change?

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## Objective

How much of the change in life expectancy at age 50 e(50) is due to changes in mortality versus changes in disability transitions?

#### Data & Methods

- HRS RAND version P.
- 3-state Markov matrix models centered on years 1996, 2006, and 2014.
- Trend decomposition using Horiuchi et. al. (2007) method.

## More details:

- States for 0 ADLs, 1 ADL, and 2+ ADLs,
- Collapsed to 0 and 1+ for this presentation.

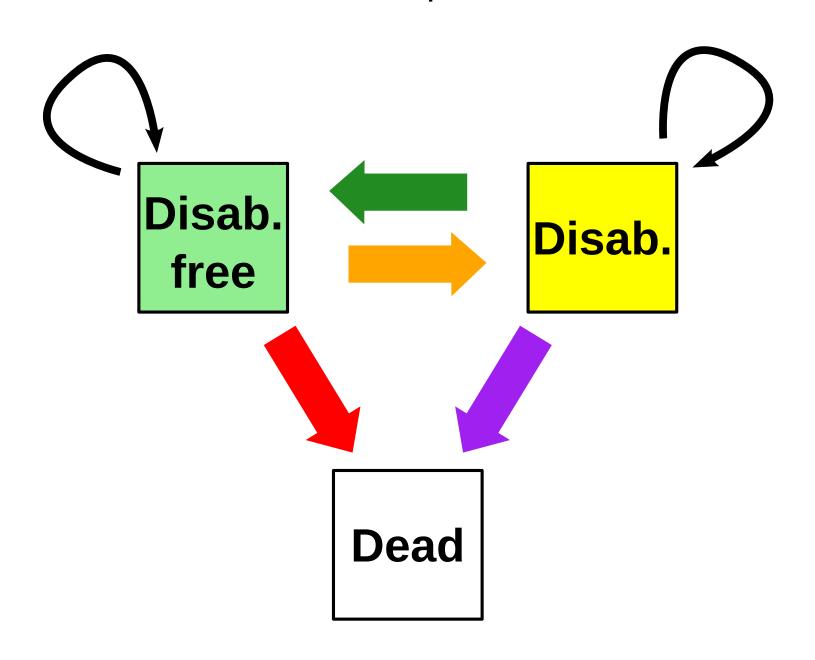
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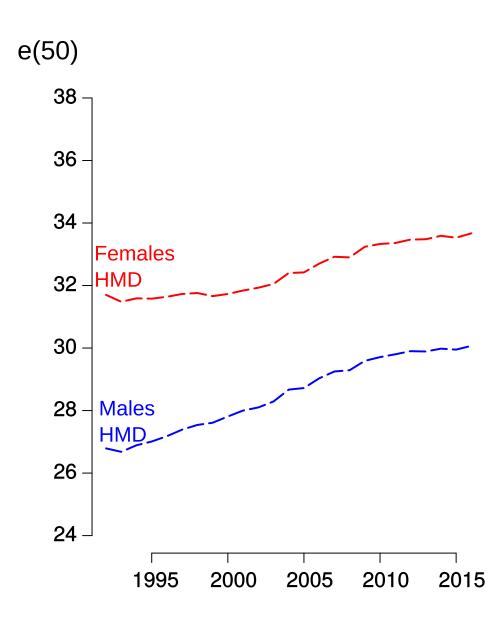
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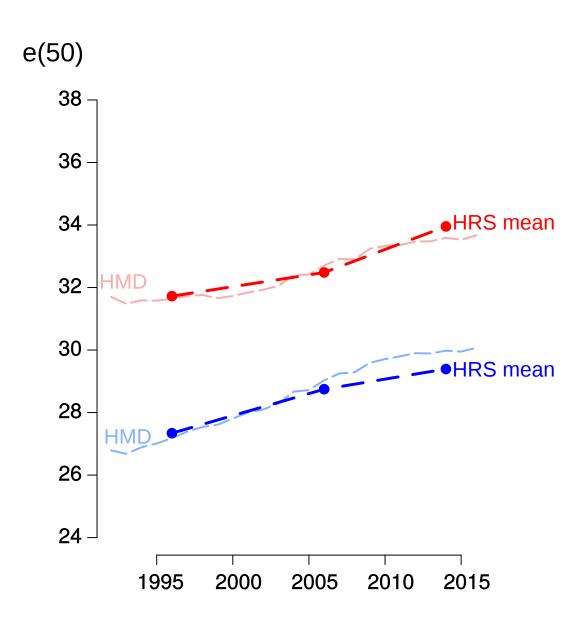
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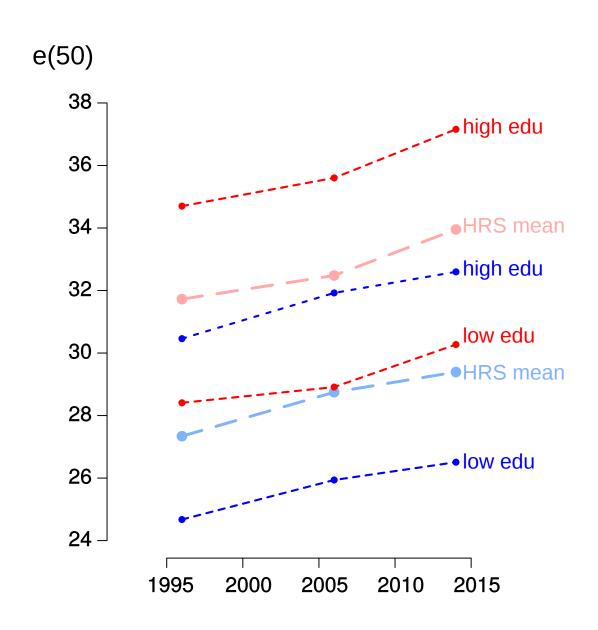
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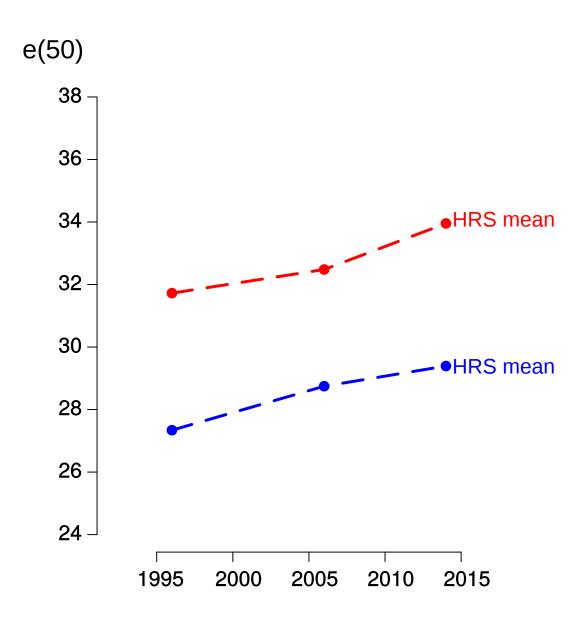
# State space

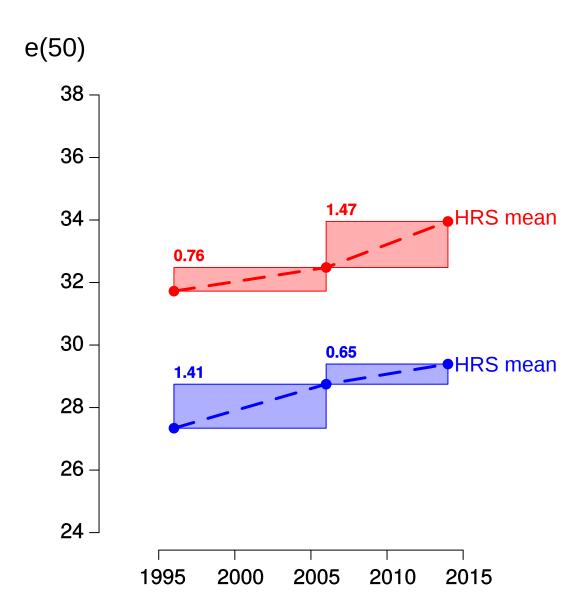












Graph of LE and HLE from a paper, then overlay ours

Difference is prevalence vs incidence

graph of state space, add circle around collapse for this talk. mention mlogit w age and time splines, not interacted for time being. Transition rates 1-2-3. Highlighting major ones. Cut off at 100?