

Health expectancies in the Netherlands

Time series from 1981 onwards

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This presentation

Three types of health expectancies

Time series

- available data
- changes in health surveys
- repair

Results

Points of interest

Discussion



Types of health expectancies

Life expectancy in perceived good health

- Good or very good health → healthy
- Fair, bad or very bad health → unhealthy

Life expectancy without physical limitations

- severe or moderate limitations → unhealthy
- mild or no limitations → healthy

Life expectancy without chronic disease

- Respondent suffers from at least 1 disease out of list of diseases → unhealthy



Times series

Mortality data are available for a long period

Health surveys are being held since 1974

- On a yearly basis from 1981 onwards

Surveys change over time

- e.g.: phrasing of the questions, approach modes, response categories

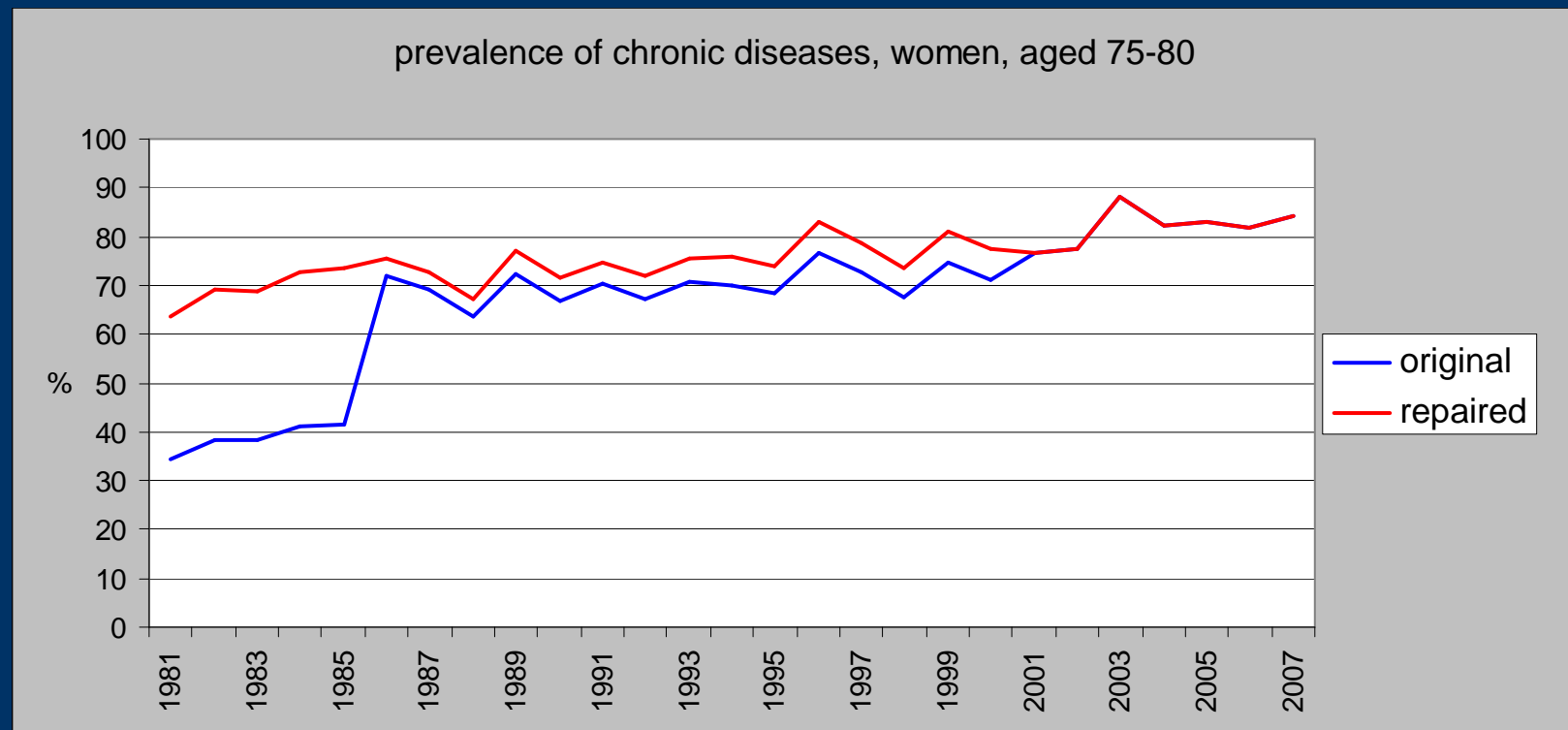
Therefore: dealing with discontinuities is needed



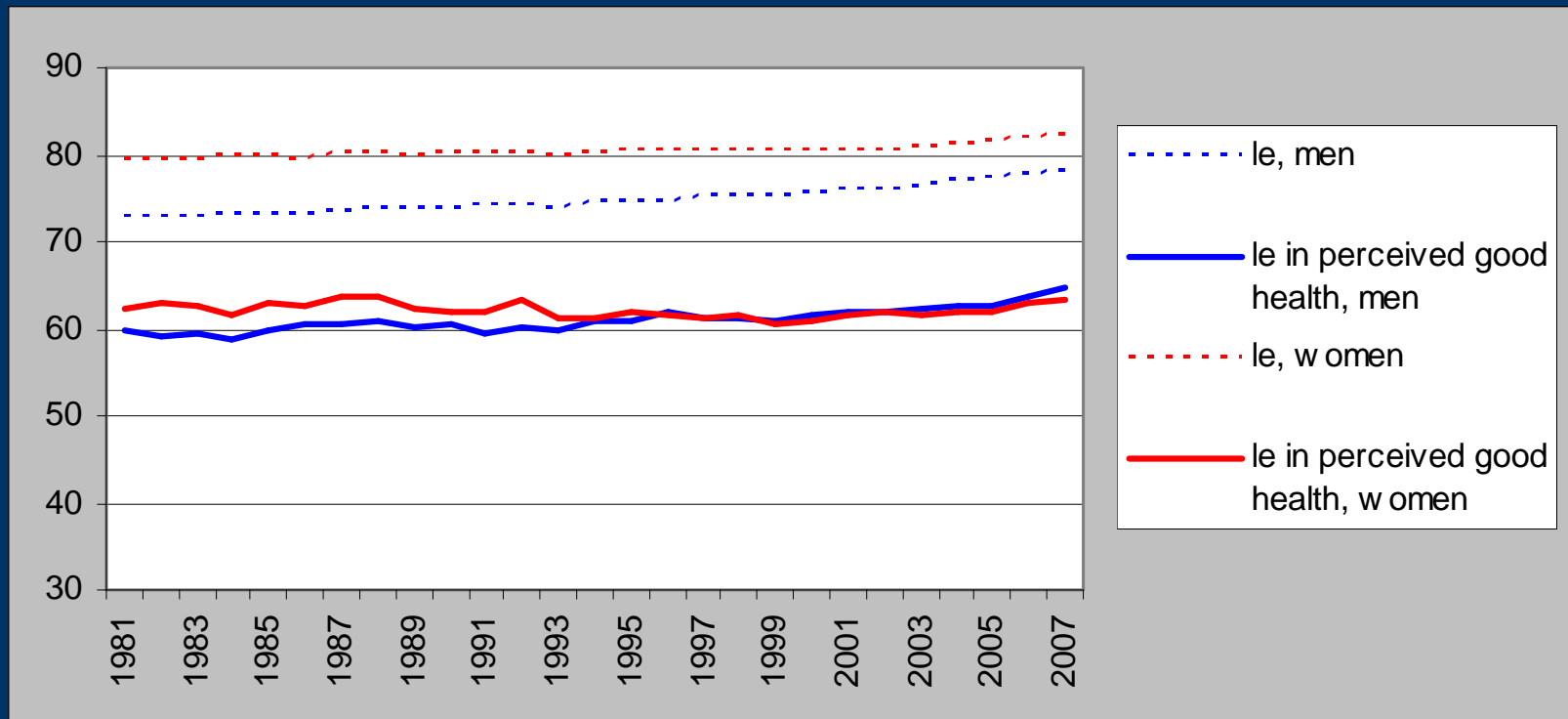
Reparation of discontinuities

State space model:

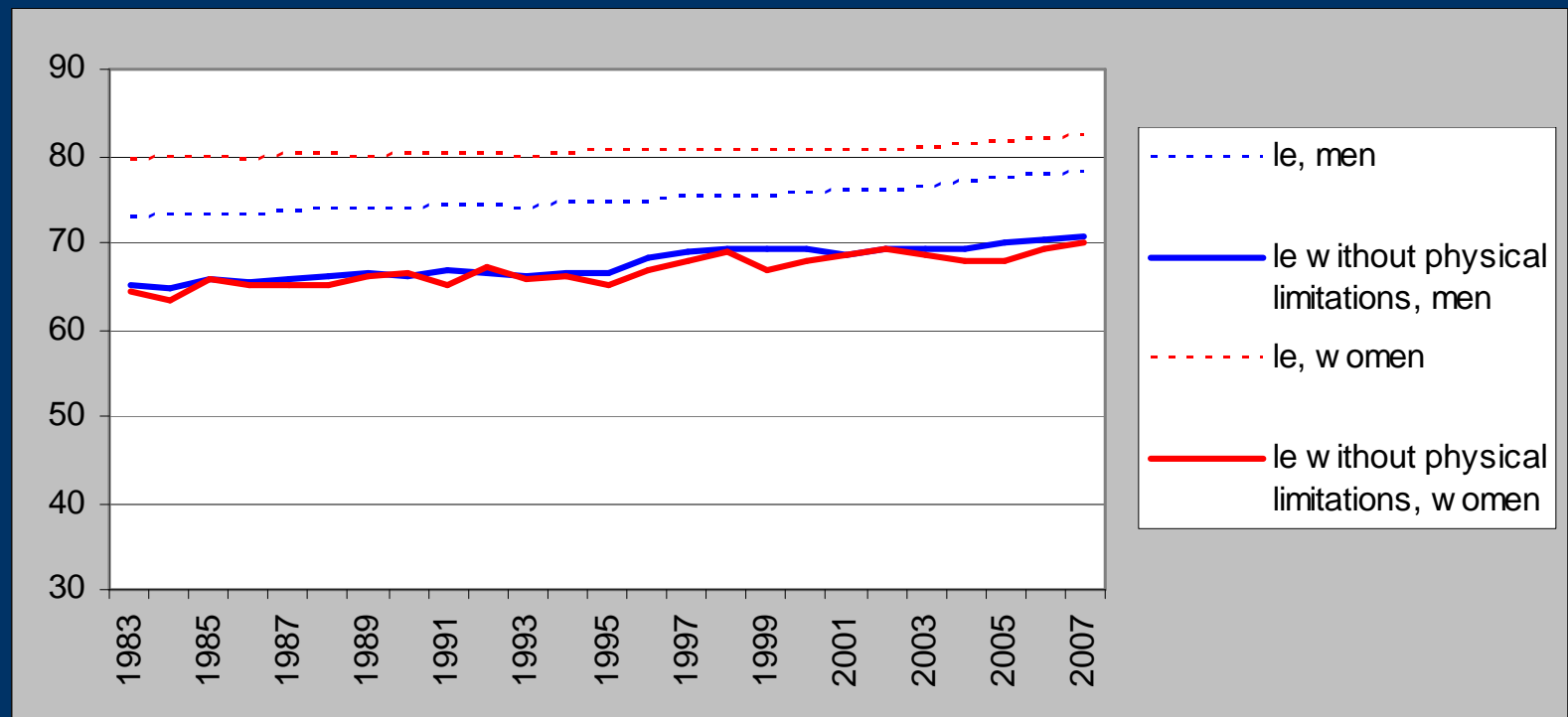
Use of a dummy for each method change



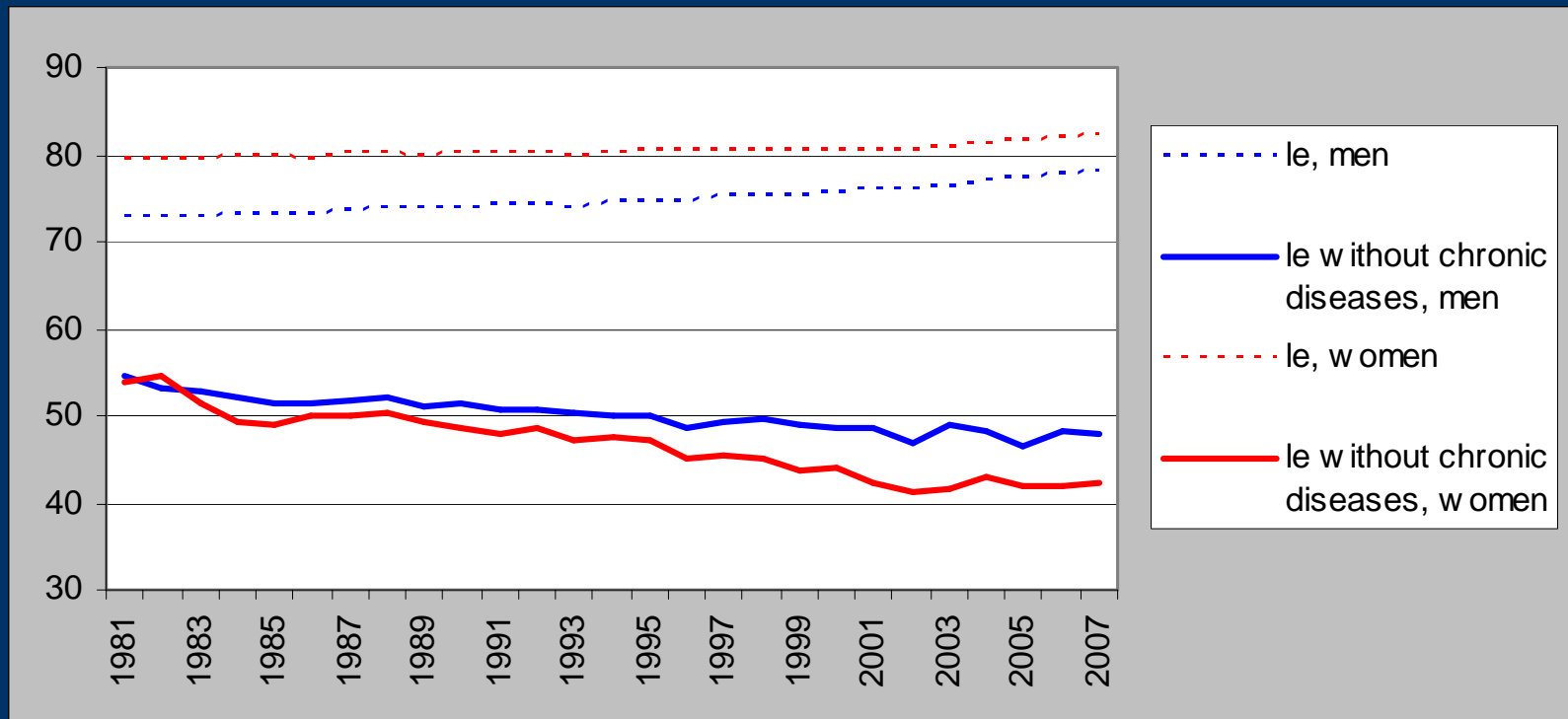
Life expectancy (le) in perceived good health



Life expectancy without physical limitations



Life expectancy without chronic diseases



Points of interest

- Institutionalised population not included in health survey (1,3% of total Dutch population, 2008)
- Health prevalences of children
- Repair (most prominent in series of health expectancy without chronic diseases)
- Health expectancy differs between sub-populations, e.g. by socio economical status



More about Dutch health expectancies

Health expectancy by socio economic status

- Education
- Income → presentation by Kim Knoops tomorrow at this meeting

Health expectancy by ethnicity

Future developments at statistics Netherlands

- Time series of health expectancy by education
- Health expectancies by life style



Discussion

Data (including standard errors)

– Health expectancies from 1981 onwards (table in Dutch)

Methodological papers (in Dutch)

– Availability of survey data on health Stam & Knoop, Statistics Netherlands

– Reparation of method changes Lodder & Kardal, Statistics Netherlands

– Calculation of health expectancies 1981-2007 Lodder & Kardal, Statistics Netherlands

