

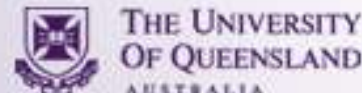
women's
health
australia



Breast cancer screening patterns: Rural and urban differences

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Rural and urban differences in breast screening





Data

The Australian Longitudinal Study on Women's Health

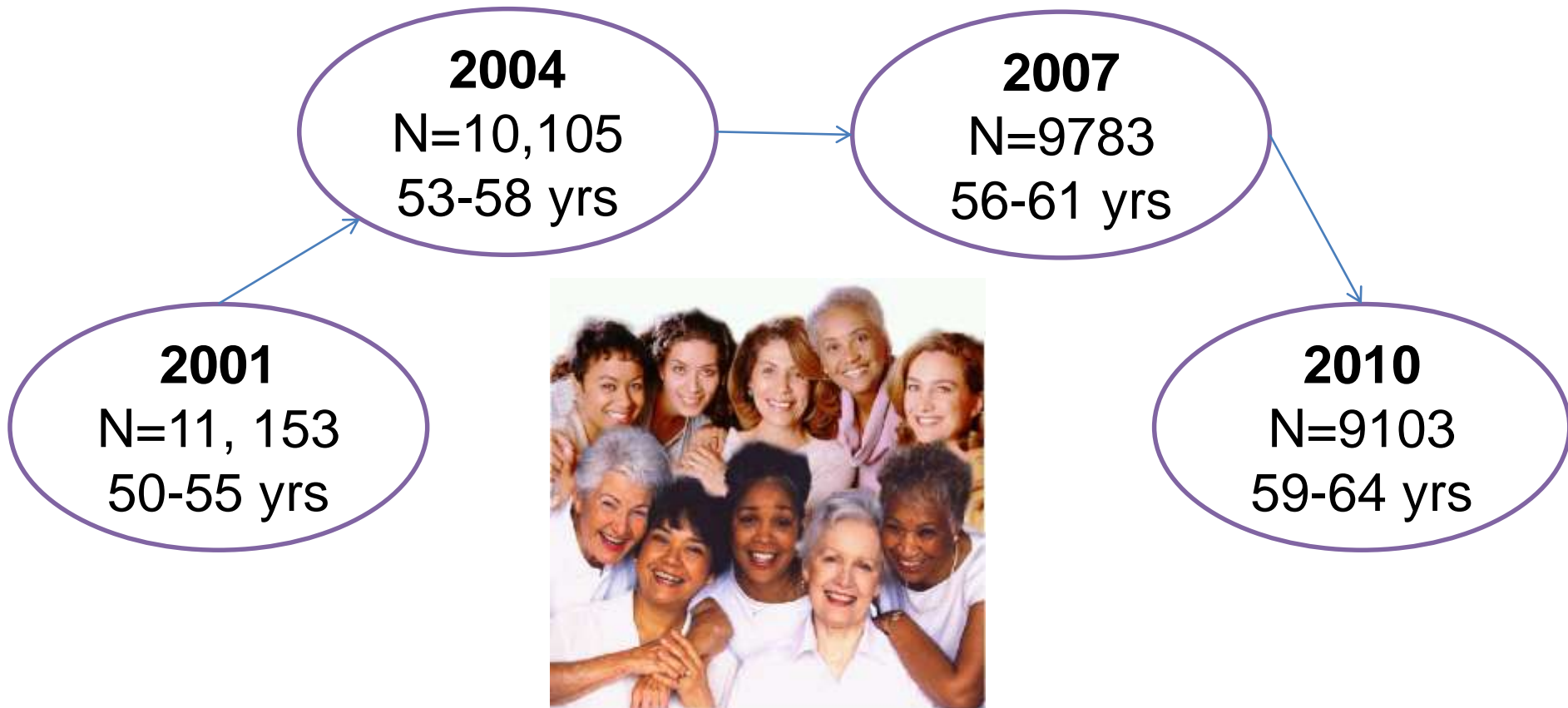
- Longitudinal cohort study of the health and well-being of Australian women from 1996
- Funded by the Australian Government Department of Health and Ageing
- Initial random sample of over 40,000 women
 - 1973-78 birth cohort (18-23 years)
 - 1946-51 birth cohort (45-50 years)
 - 1921-26 birth cohort (70-75 years)
- Women re-surveyed every 3 years



Sample

Australian women

Age 50-55 years followed to 59-64 years



Breast screening variables

1. Mammography service use, 77%
2. Clinical breast examinations, 71%
3. Breast self-examinations, 55%

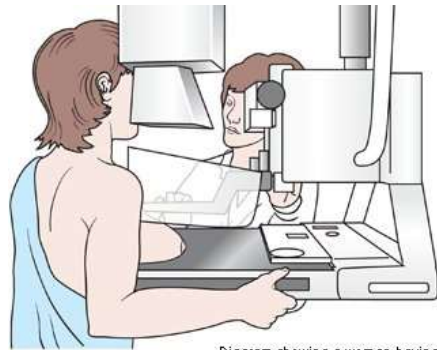


Diagram showing a woman having a mammogram
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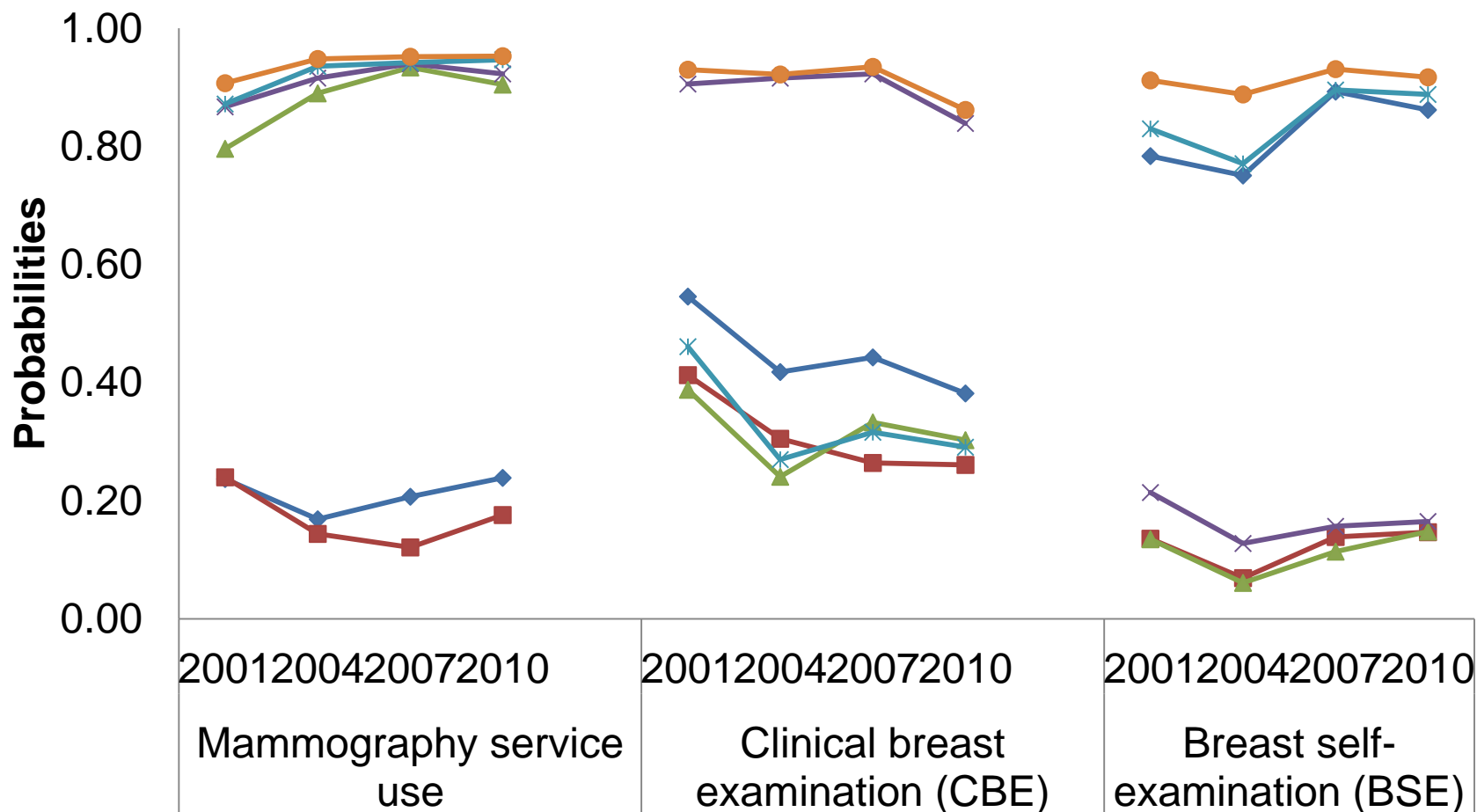




Rural urban definition: ARIA+

- 34% urban
- 41% inner regional
- 21% outer regional
- 4% remote

Results: Breast screening patterns



- ◆ Class 1: BSE only screeners (9%)
- Class 2: Non-screeners (7%)
- ▲ Class 3: Mammogram only screeners (15%)
- ✕ Class 4: Mammogram and CBE screeners (25%)
- ✱ Class 5: Mammogram and BSE screeners (14%)
- Class 6: All methods screeners (30%)



Results: Urban-rural differences in patterns

Mammogram and CBE screeners:

Inner regional, outer regional, and remote **less** likely

Mammogram and BSE screeners:

Inner regional, outer regional, and remote **more** likely



Conclusions



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Thank you

www.alswh.org.au

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Results: Characteristics of pattern

BSE only screeners:

Obese and not depressed

Mammogram only screeners:

Residing in outer regional areas, better access, born in English speaking country, partnered.

Mammogram and CBE screeners:

Better access, born in English speaking country, partnered, good financial status, satisfied with time use, not depressed.





Results: Characteristics of pattern

Mammogram and BSE screeners:

Residing in regional and remote areas, better mammogram access, partnered, obese, good financial status, lower education, not depressed.

All methods screeners:

Better mammogram access, born in English speaking country, partnered, good financial status, lower education, not depressed.



Results: Breast screening (Urban = ref)

