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Breast cancer screening in Europe and China

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Propositions accompanying the thesis

Breast cancer screening in Europe and China Strategy evaluation and optimization

1. The accuracy of modelling of breast cancer screening is improved by making sensitivity dependent on tumour size and breast density. – This thesis, Chapter 8
2. Where screening participation of women in urban areas increases by sending a reminder, this is not the case in rural areas. – This thesis, Chapter 3
3. Compared to ultrasound, mammography has a higher sensitivity and a comparable specificity even in Asian women with smaller and more dense breasts. – This thesis, Chapter 4
4. In urban China, biennial mammography screening from 45-70 years is economically attractive. – This thesis, Chapter 5
5. In rural China, implementing a population-based breast cancer screening is less important than improved breast cancer awareness, and accessible and affordable health care. – This thesis, Chapter 8
6. The use of advanced imaging techniques are cost-effective in screening women with dense breasts, it is unknown how to incorporate them into a population-based screening. – This thesis, Chapter 6&7
7. Meta-analyses and modelling studies are of vital use in screening evaluation and optimization; advocating data sharing policies such as FAIR principle is essential to improve these studies.
8. Life's a marathon, not a sprint. – Phillip C. McGraw
9. 凡事预则立，不预则废。Success depends upon preparation, without preparation failure is certain. –孔子 Confucius