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## Optimization of breast cancer screening: informed decisions on benefits and harms

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## STATEMENTS

### **Optimization of breast cancer screening: informed decisions on benefits and harms**

Irregular participation in breast cancer screening increases the risk of advanced stage breast cancer. (This thesis, chapter 2)

Regular participation in breast cancer screening is effective for all breast cancers except for the HER2 positive subtype. (This thesis, chapter 3)

Studies on the determinants of non-participation in organized screening programs should avoid self-reported data and/or data from opportunistic screening. (This thesis, chapter 4).

Overall, higher socioeconomic status is related to higher response to organized screening. (This thesis, chapter 5).

While the richest 10% women are prone to participate in opportunistic screening, the poorest 10% women participate in neither organized nor opportunistic screening. (This thesis, chapter 6)

Modelling mammographic sensitivity as a function of tumour size and breast density provides a better representation of data observed in screening programs than other models. (This thesis, chapter 7).

Accurate overdiagnosis estimation needs at least 10 years of follow-up after screening stops. (This thesis, chapter 8)

Overdiagnosis is a larger problem in older compared to younger women. (This thesis, chapter 8)

In pursuing knowledge, one accumulates daily. In practicing Tao, one loses daily. -- 《Tao Te Ching》  
为学日益，为道日损。-- 《道德经》

He who does not fail in the requirements of his position, continues long; he who dies and yet does not perish, has longevity. -- 《Tao Te Ching》 不失其所者久，死而不亡者寿。-- 《道德经》

Lilu Ding

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