Breast cancer is the most common cause of cancer-related death in women in Australia!

Evidence-based breast cancer research

Pure statistical methods (90%)

Machine learning methods (10%)

Machine learning in breast cancer prognosis

Machine learning in breast cancer diagnosis

Research areas
- Survival prediction
- Prognosis variable analysis
- Treatments analysis
- Cancer reoccurrence prediction

One or more which is worse?
- One or more which correlates with other prognosis factors better or worse?
- One vs. more who survives less who survives more?
- More vs. less when it comes to survival predictions what is useful what is useless?

Patients with multiple tumour have lower survival rate!

Kaplan probability of survival

Time (number of months)

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