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FÜR DEMOGRAFISCHE  
FORSCHUNG

MAX PLANCK INSTITUTE  
FOR DEMOGRAPHIC  
RESEARCH





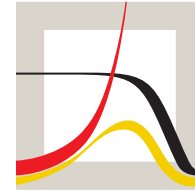
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# **A model of lifetimes**

**Tim Riffe**

**Lab of Population Health**



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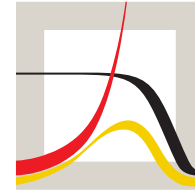
**APC:** well-known. Aligned to time of birth.

**TPD:** like APC, but aligned to death.

**ATL:** shows variation over the lifespan, but not in calendar time.

**APCTDL:** everything in one redundant 3d relationship.

**demonstration:** a bottled example.



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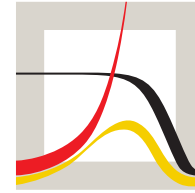
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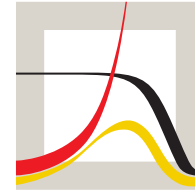
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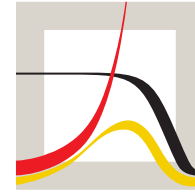
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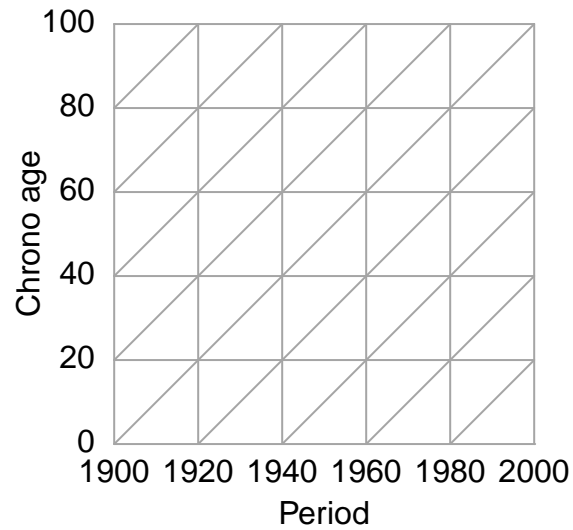
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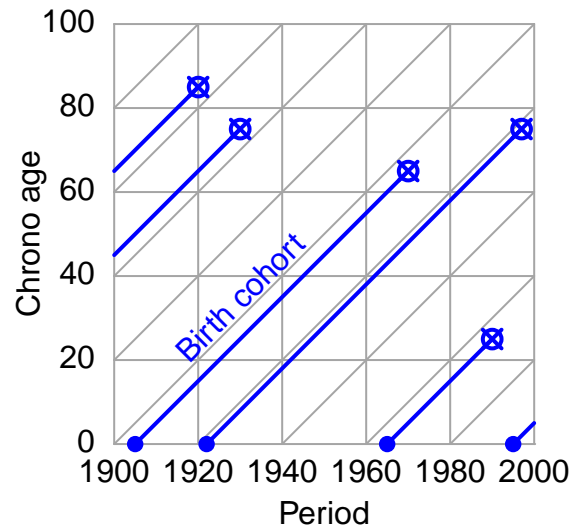
# APC, an old friend





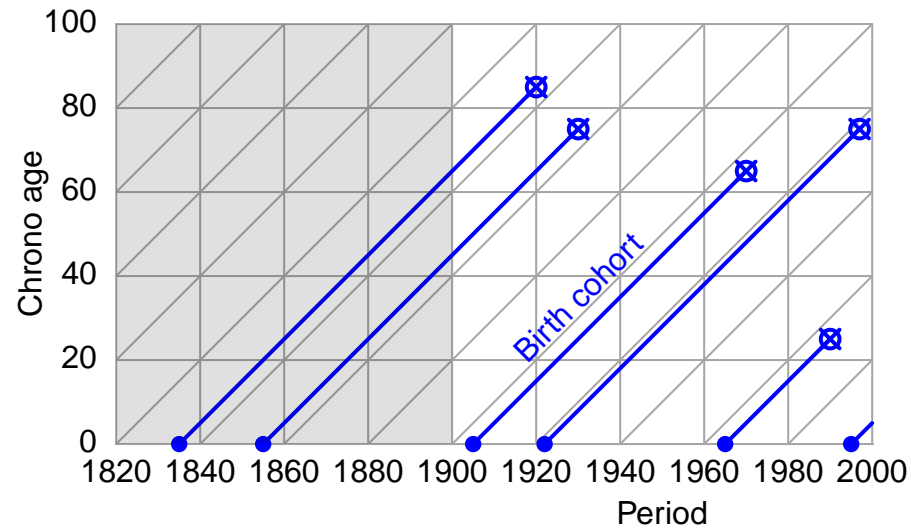


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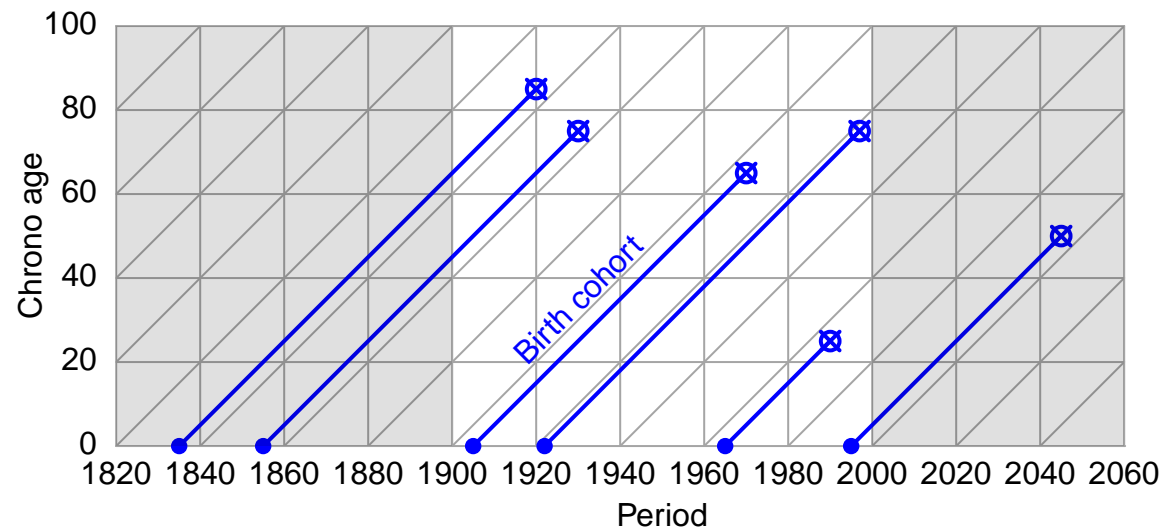


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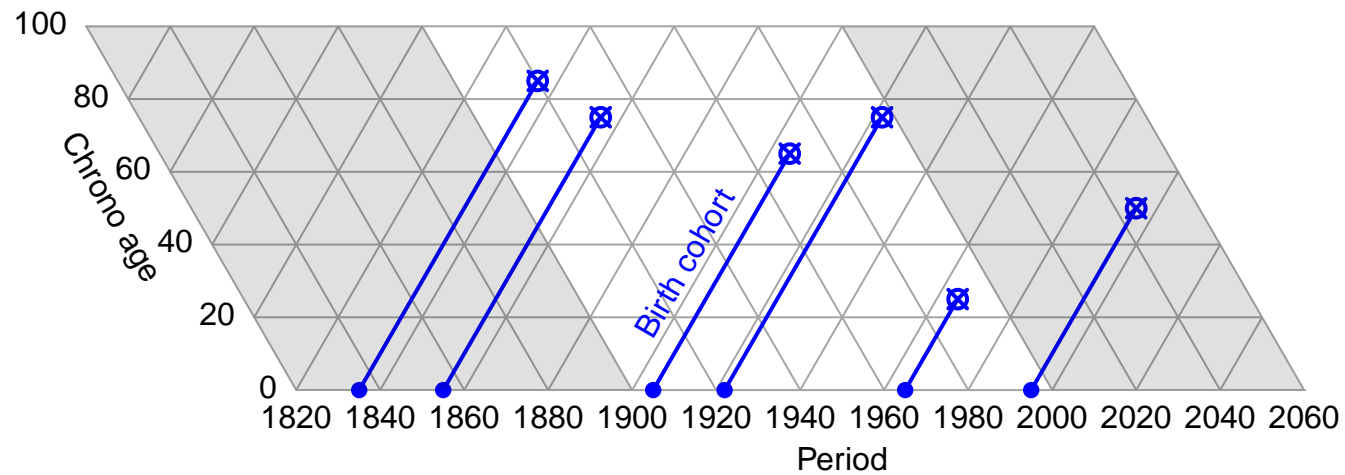


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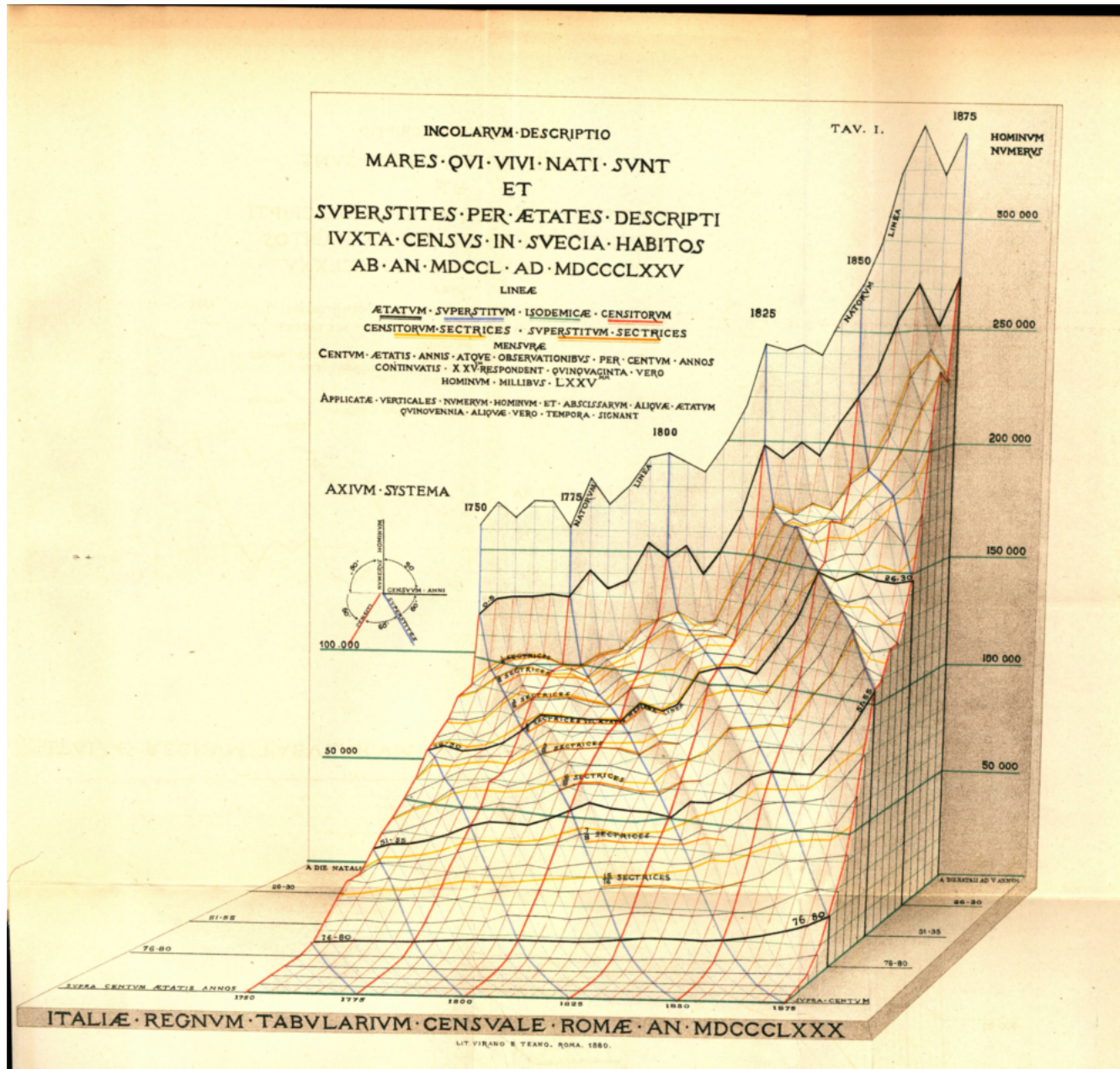


# APC, an old friend





# APC, the greatest and best

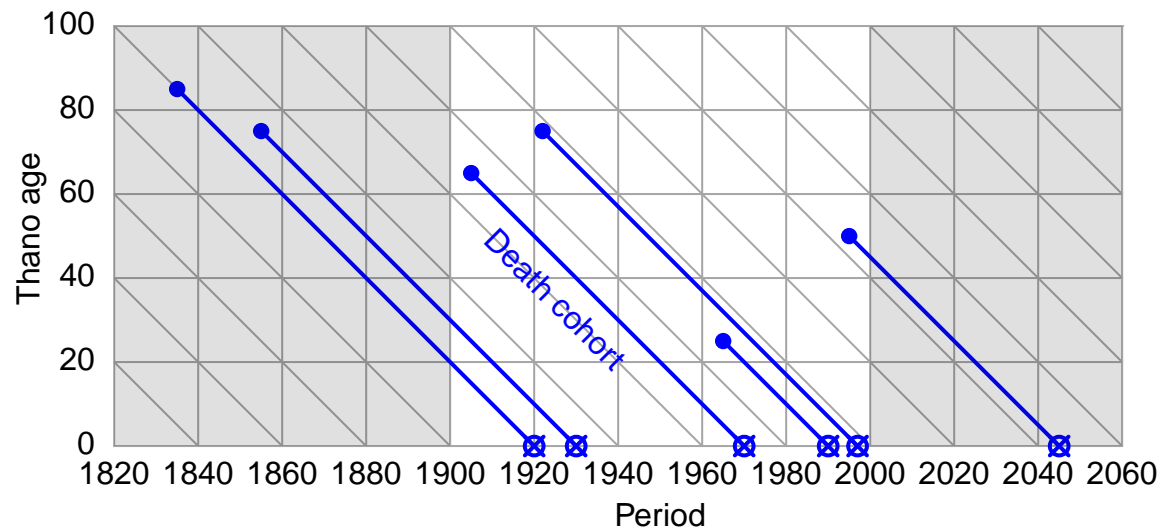




**realign lifelines**

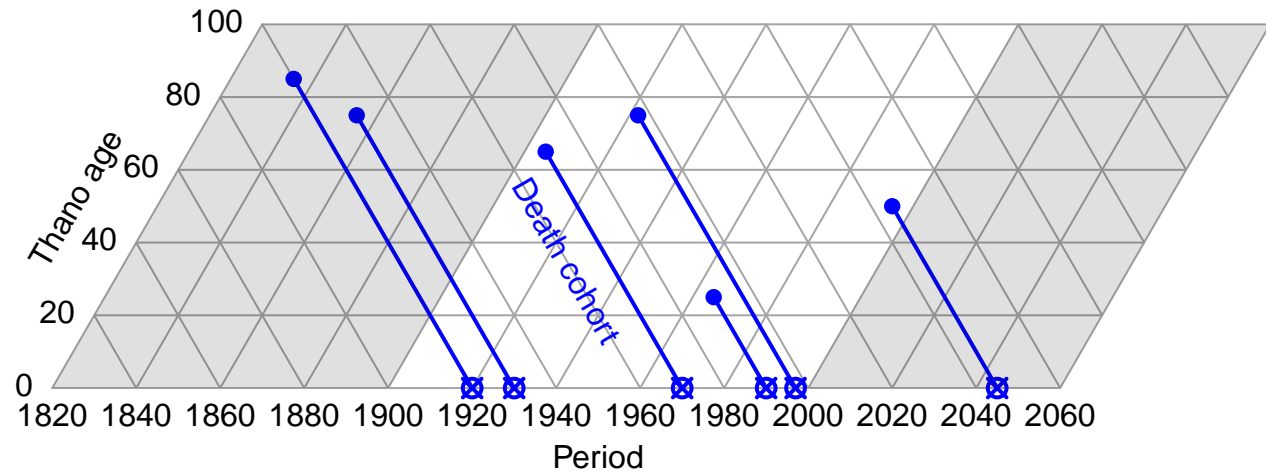


# TPD, the inverse relationship





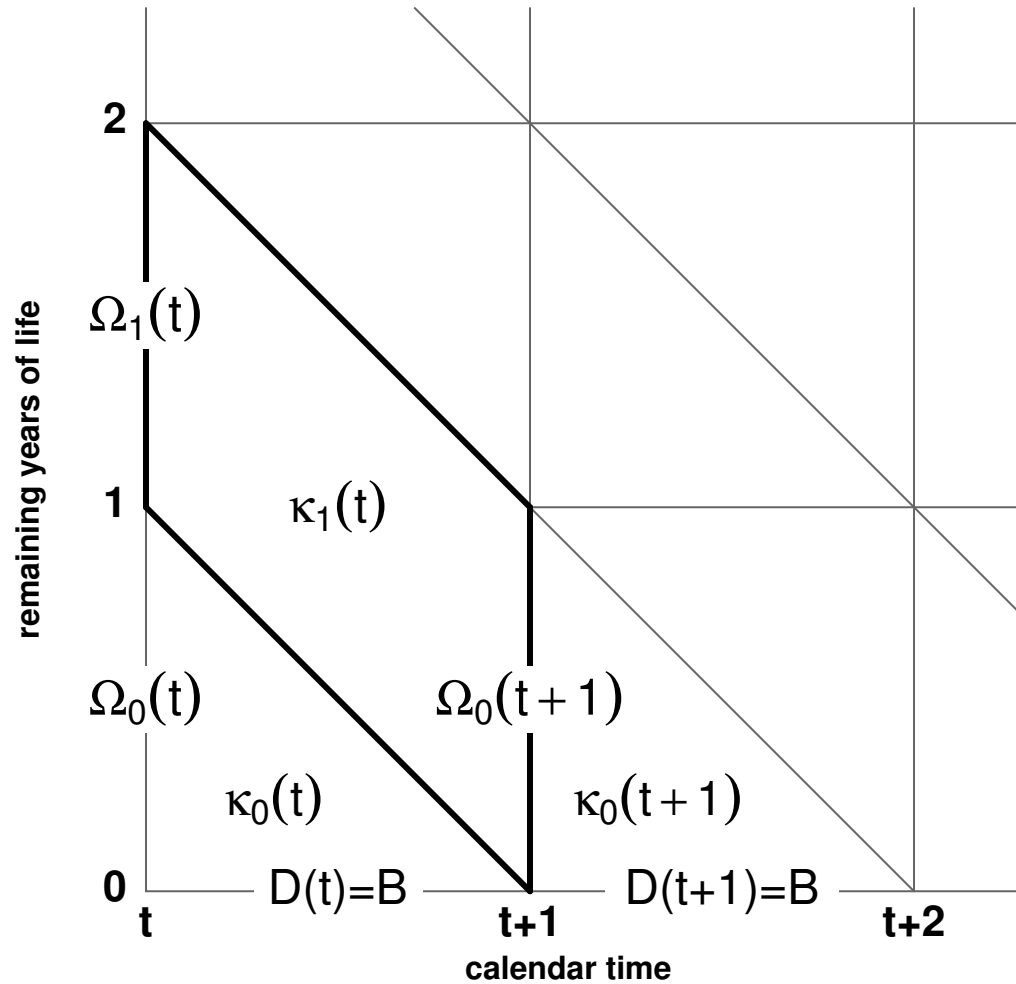
# TPD, equilateral





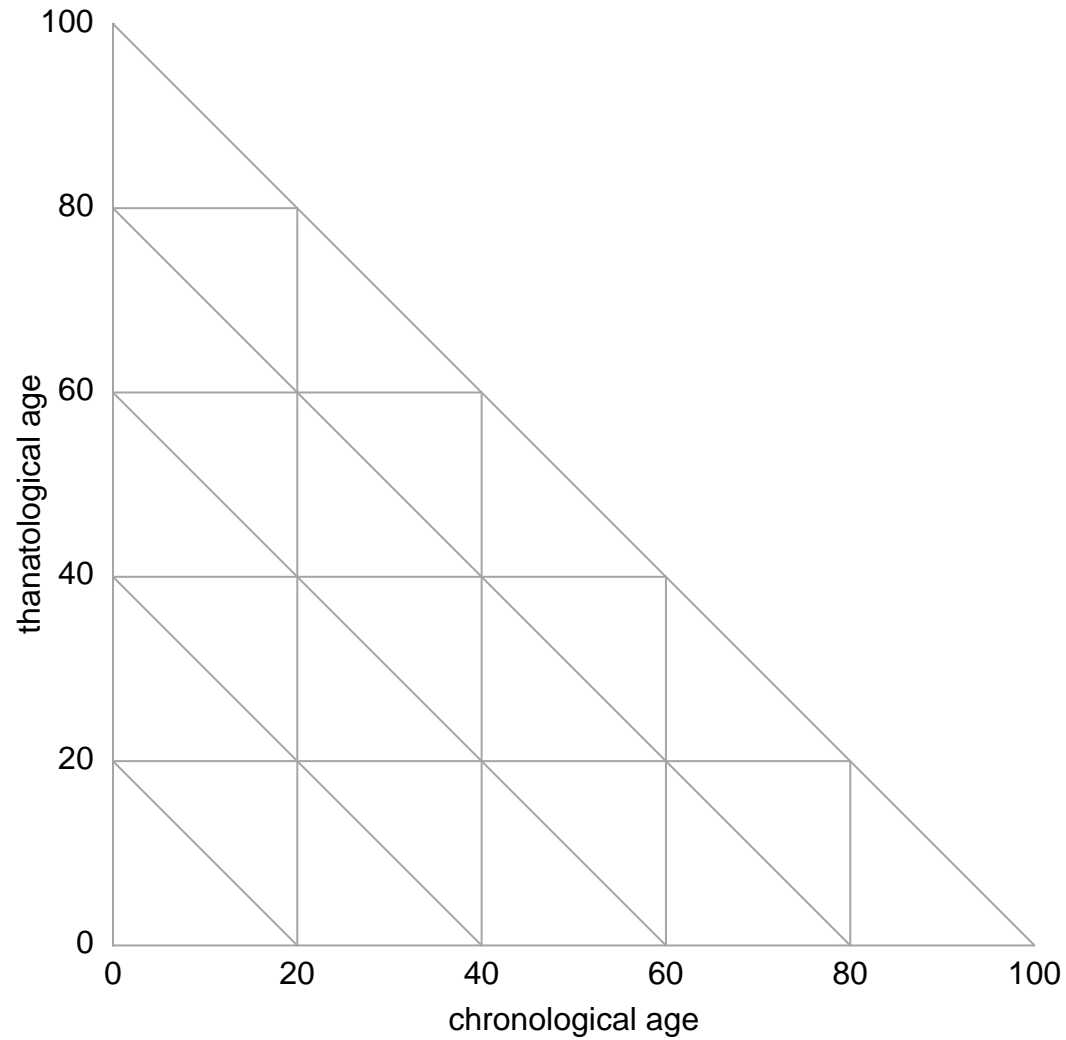


# TPD, spotted in the wild, HT Pancho Villavicencio.



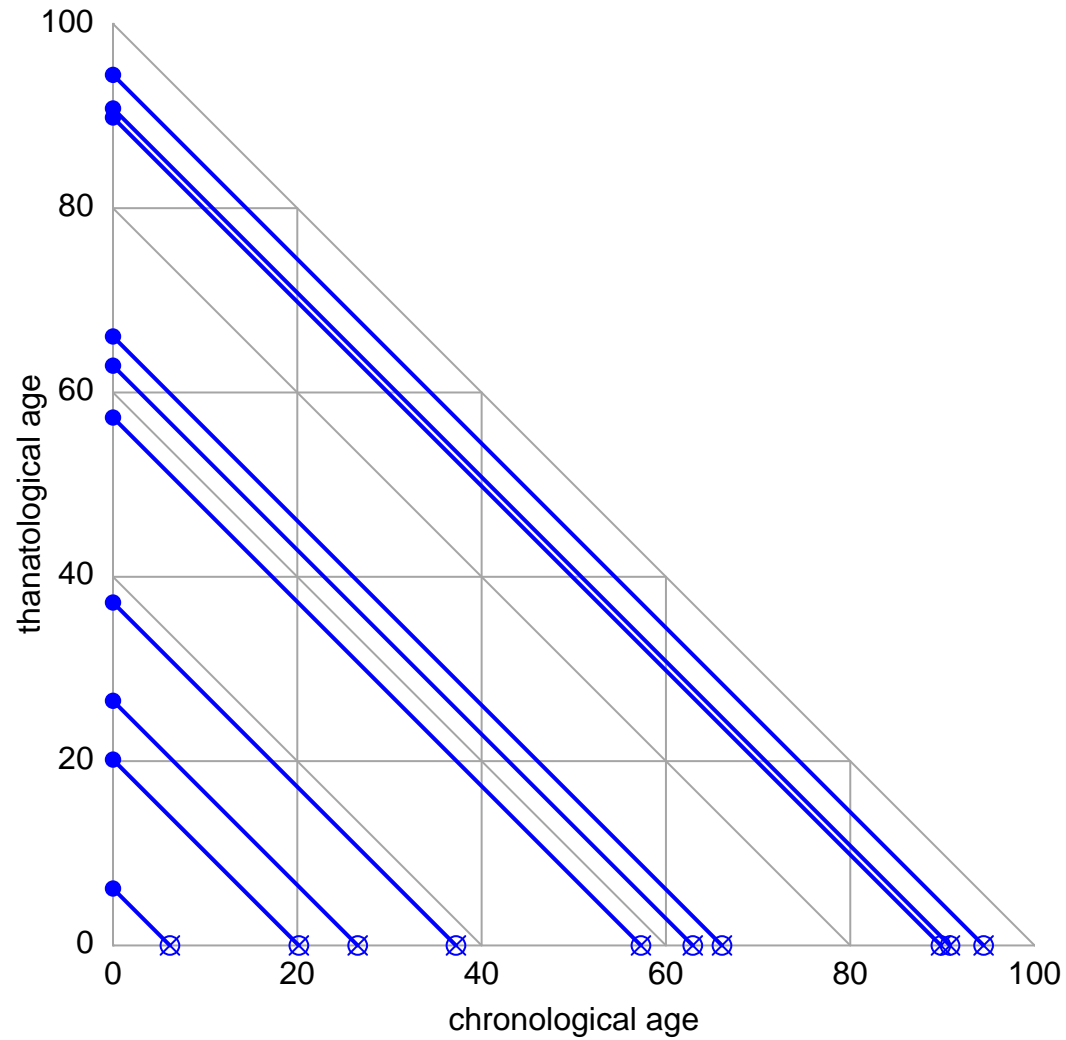


# ATL, a lifespan diagram



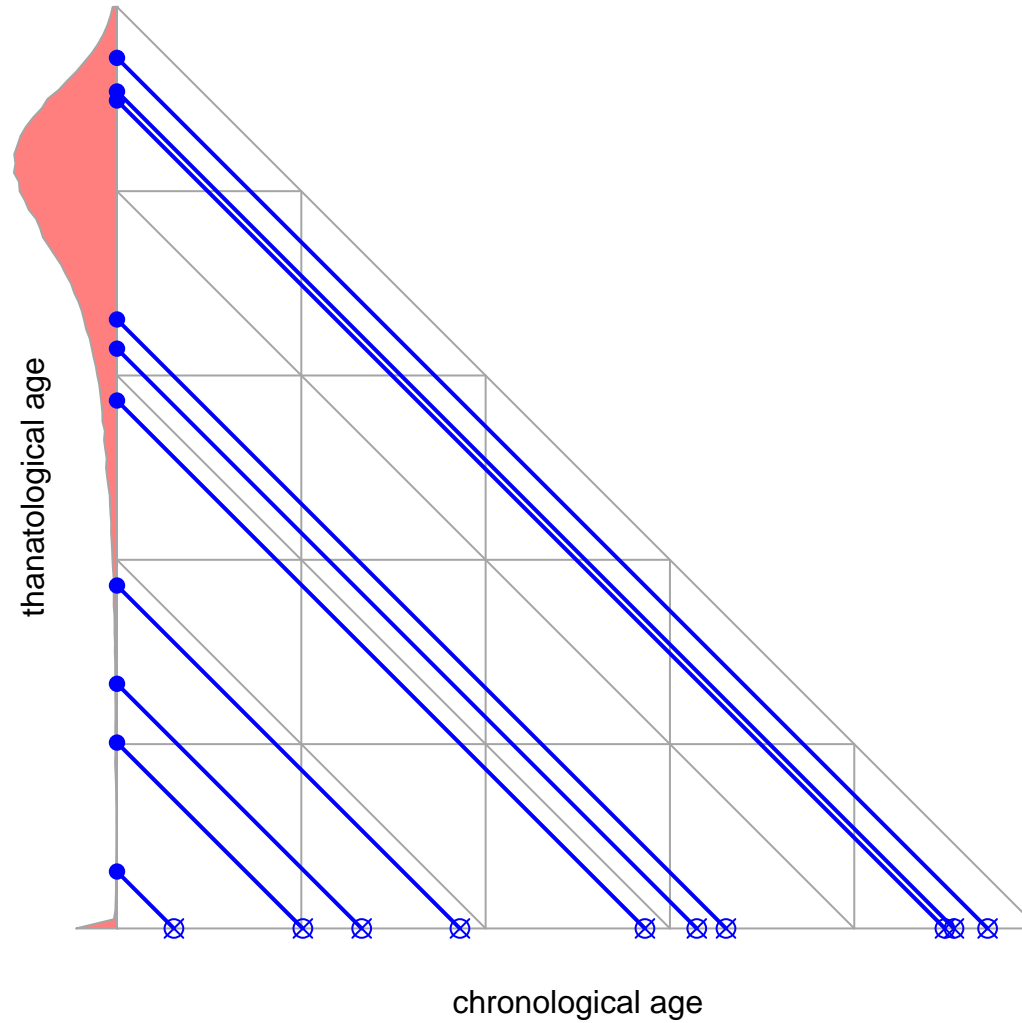


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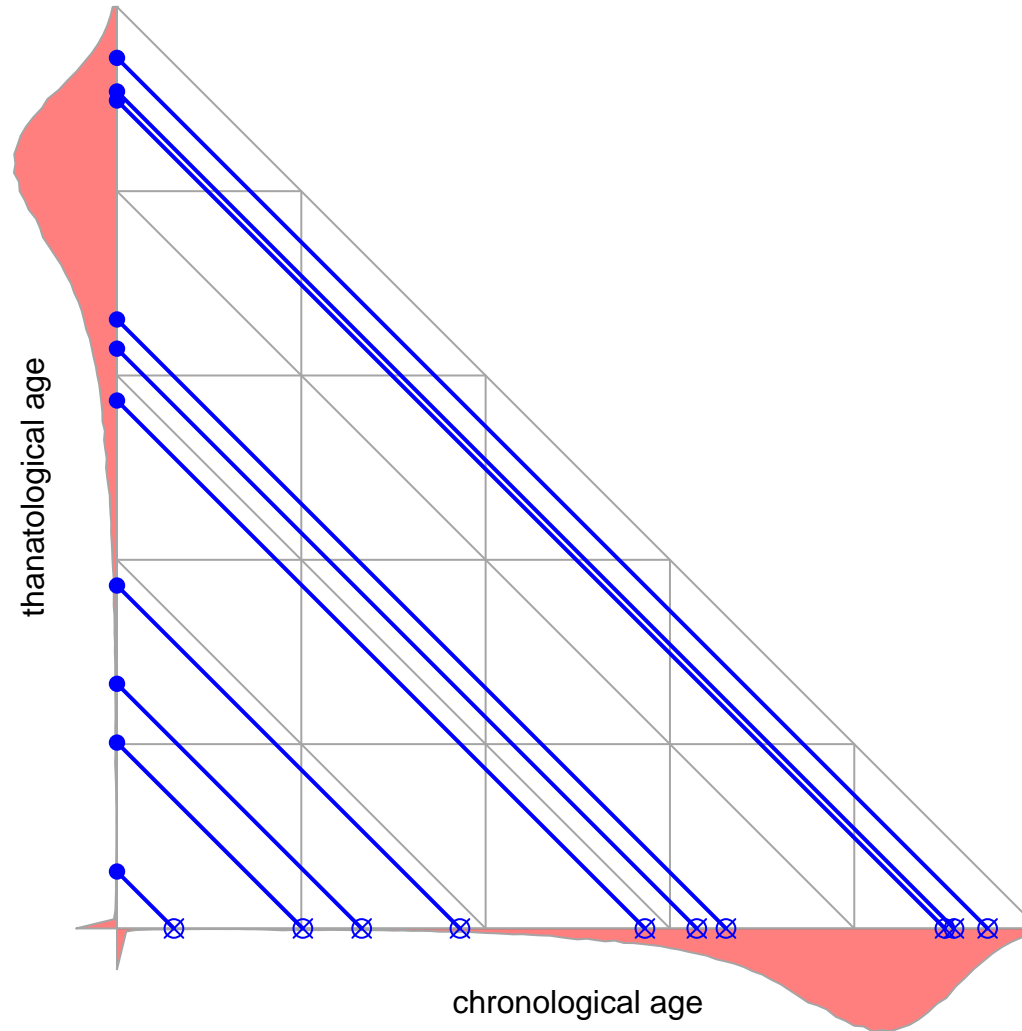


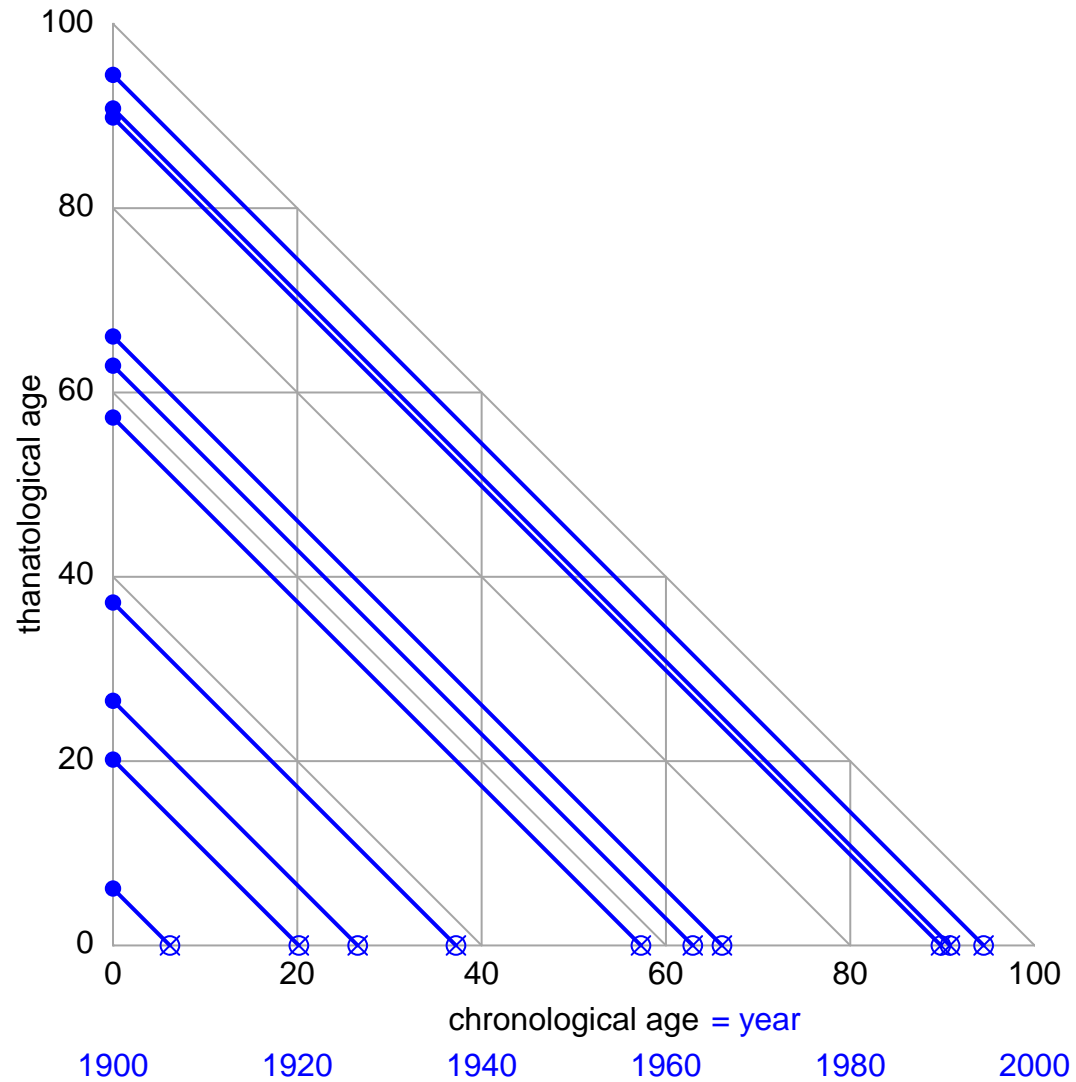
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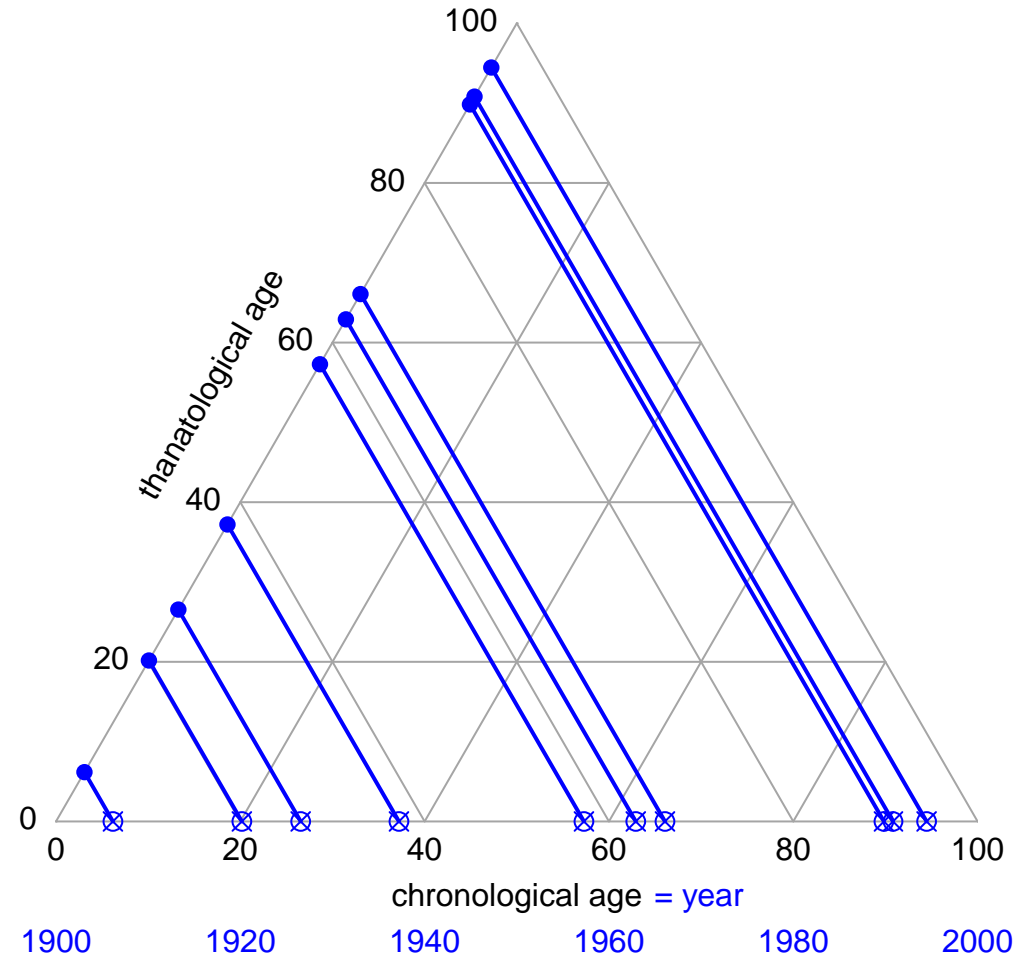
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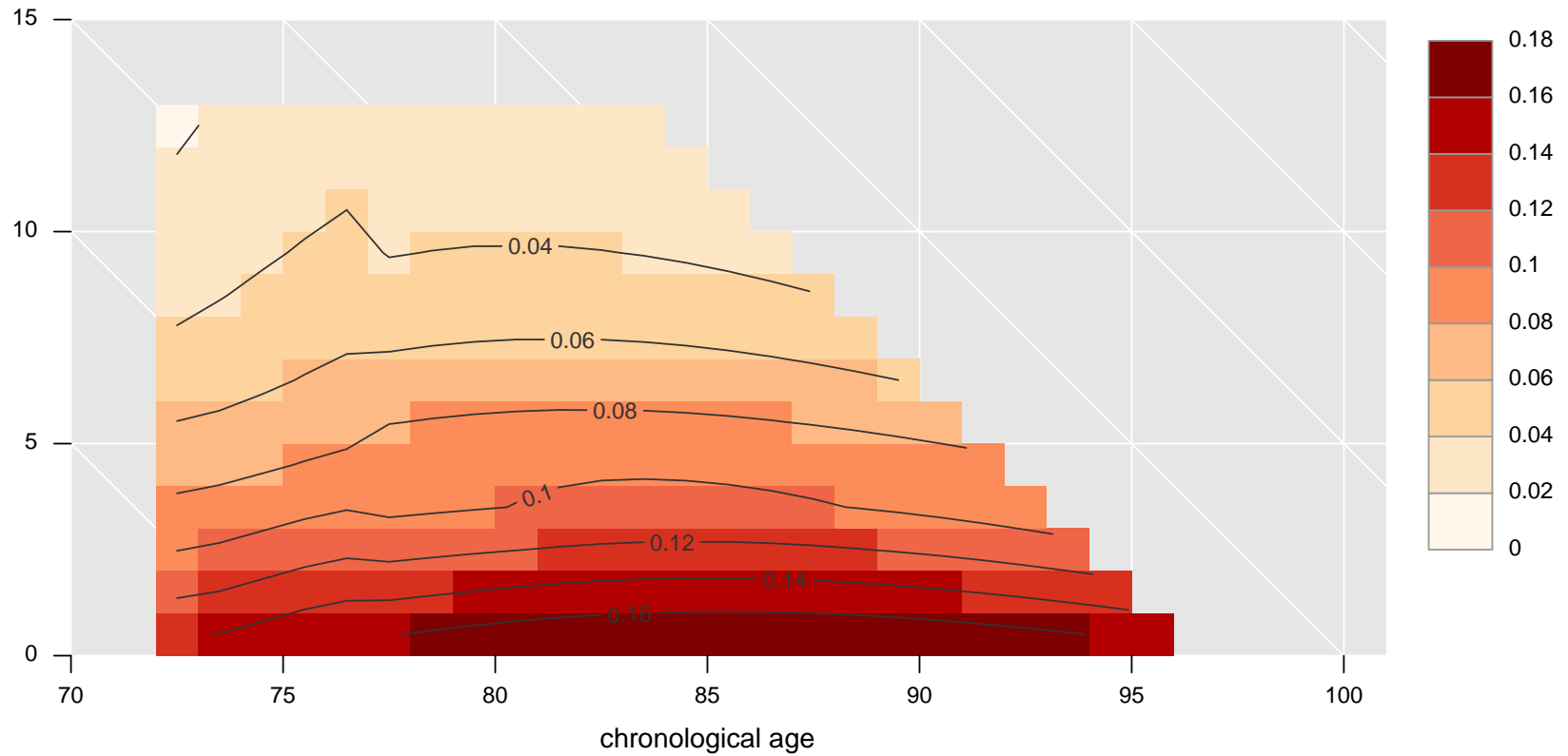
# ATL, a lifespan diagram, cohort, equilateral





# ATL, cohort, spotted in the wild

thanatological age







## All diagrams combined:

Using right-angles (interactive, web):

<http://demog.berkeley.edu/~triffe/RGL1/>

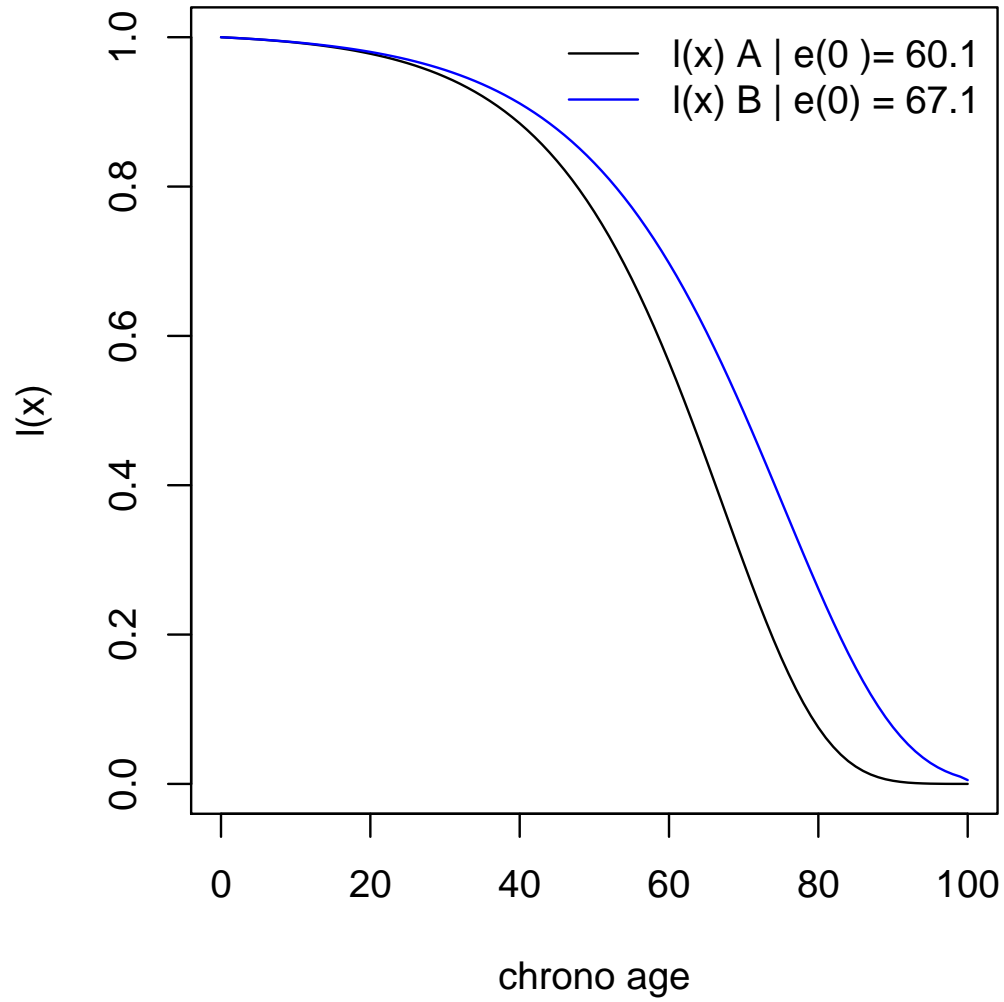


## All diagrams combined:

\* As a regular honeycomb \*

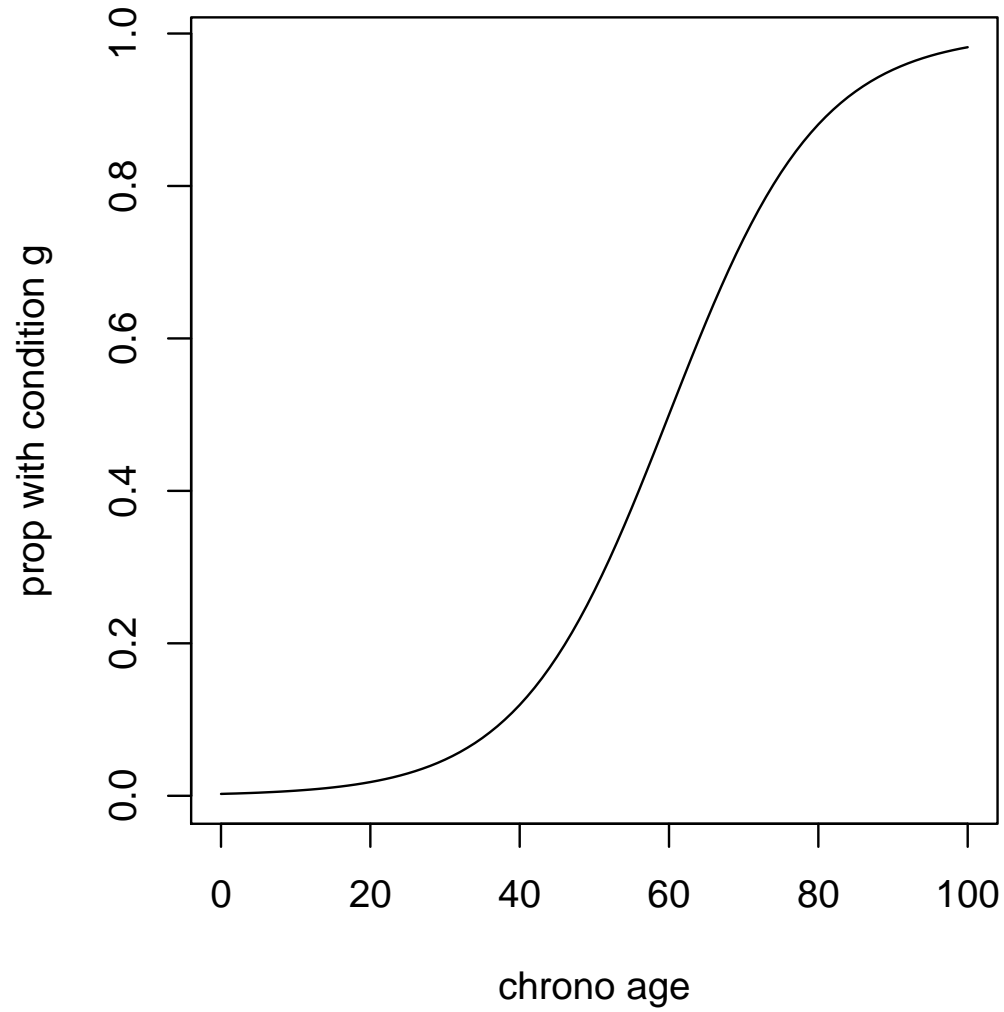


CSI  
Rostock



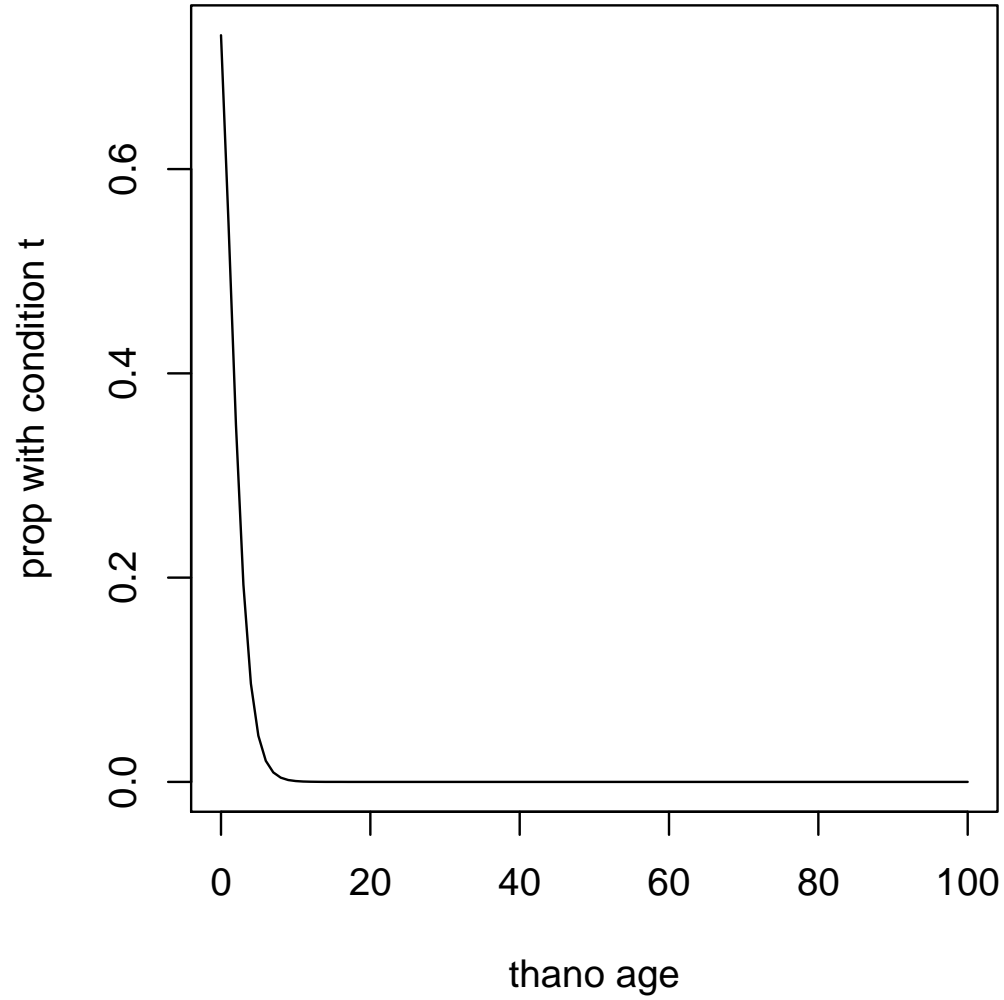


# CSI Rostock



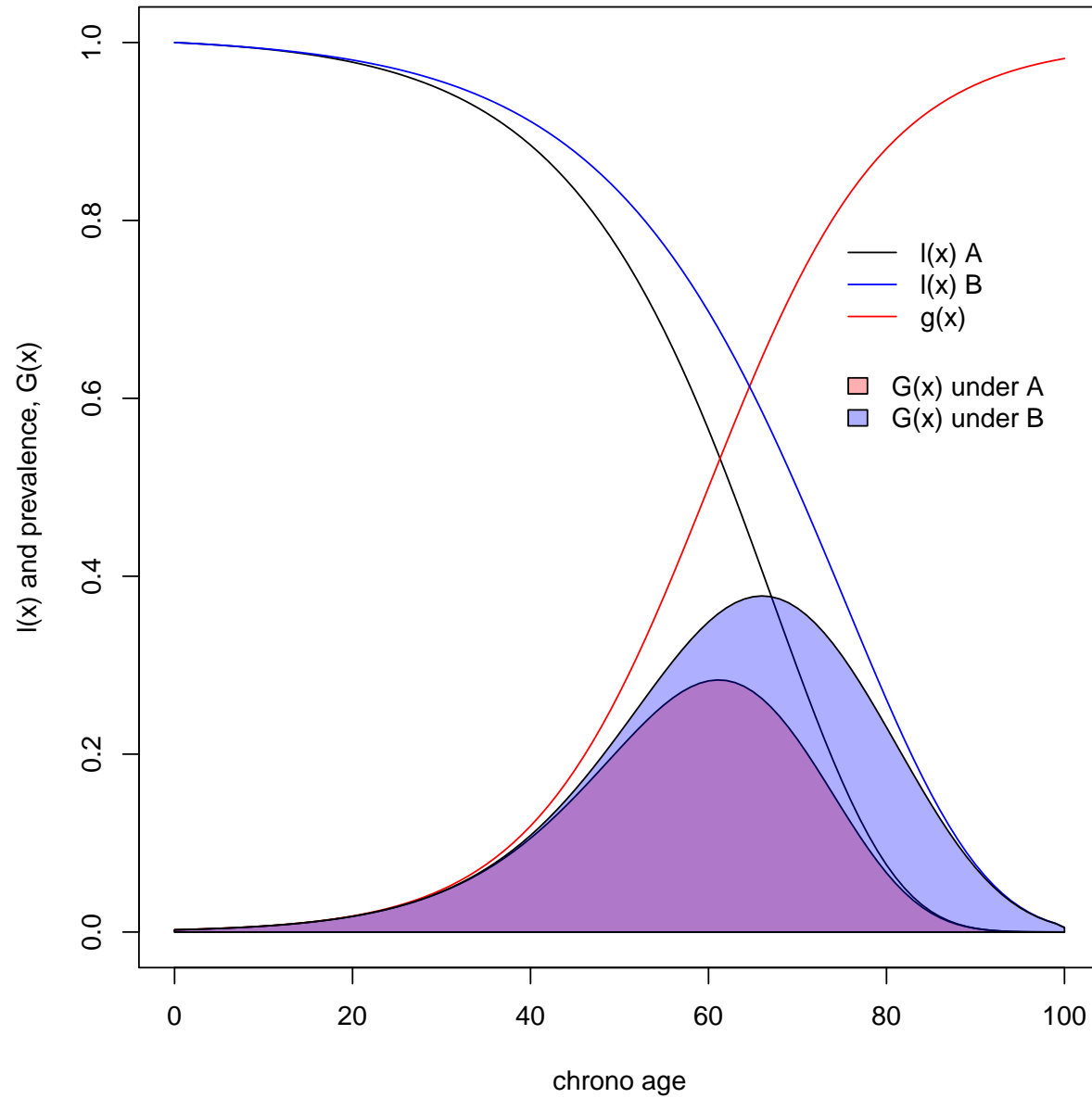


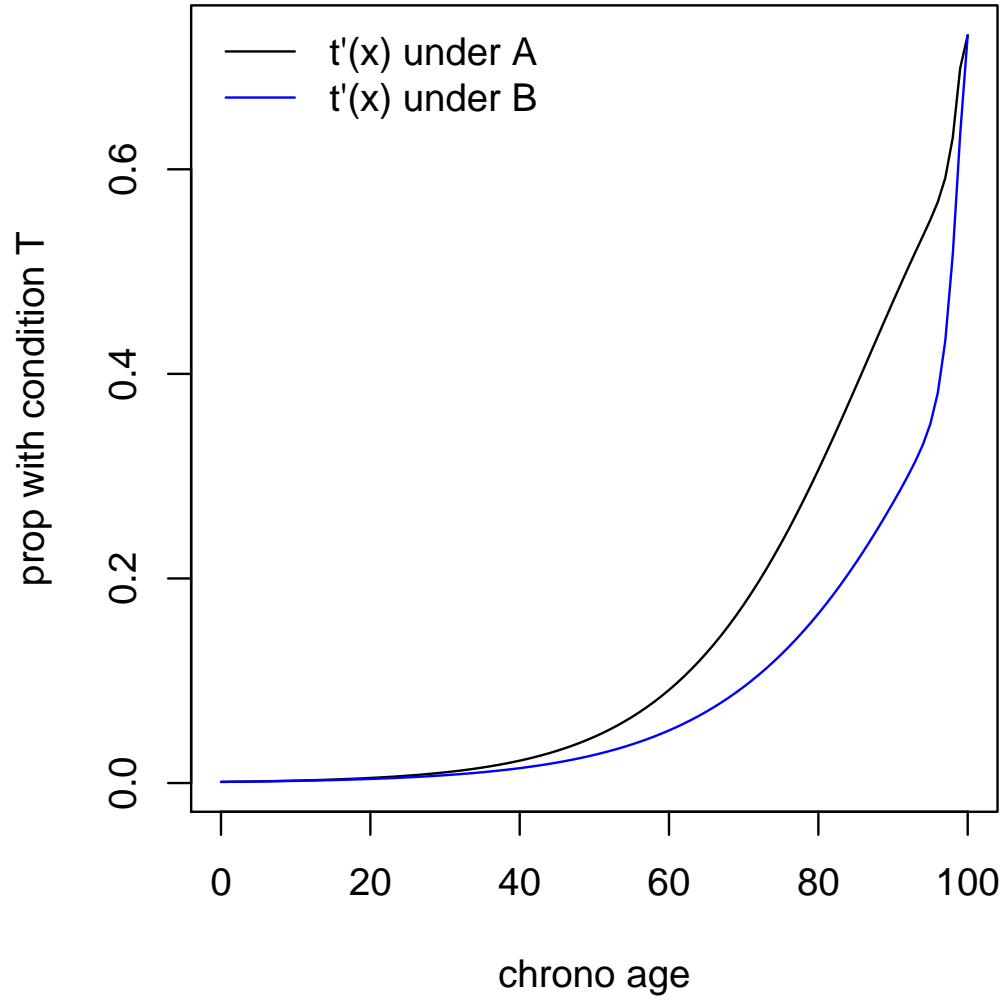
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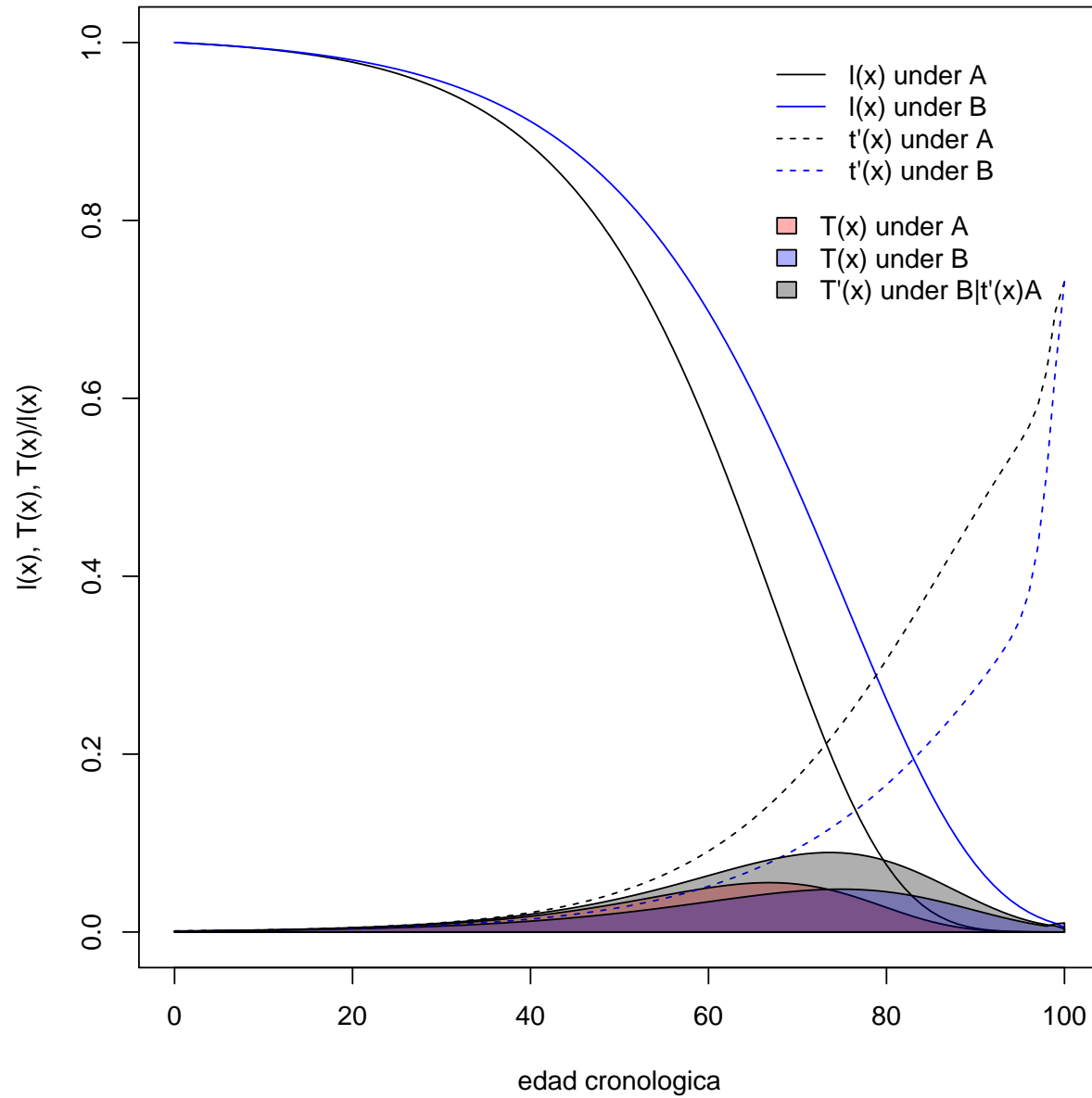








# CSI Rostock





- 
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- 
- Thano variation = win
- 
- miscategorizing thano variation leads in wrong direction
- 
- assumptions were strong here...



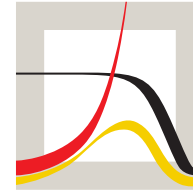
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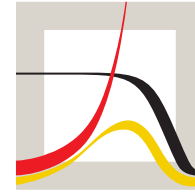


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# **Comments or Questions?**

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