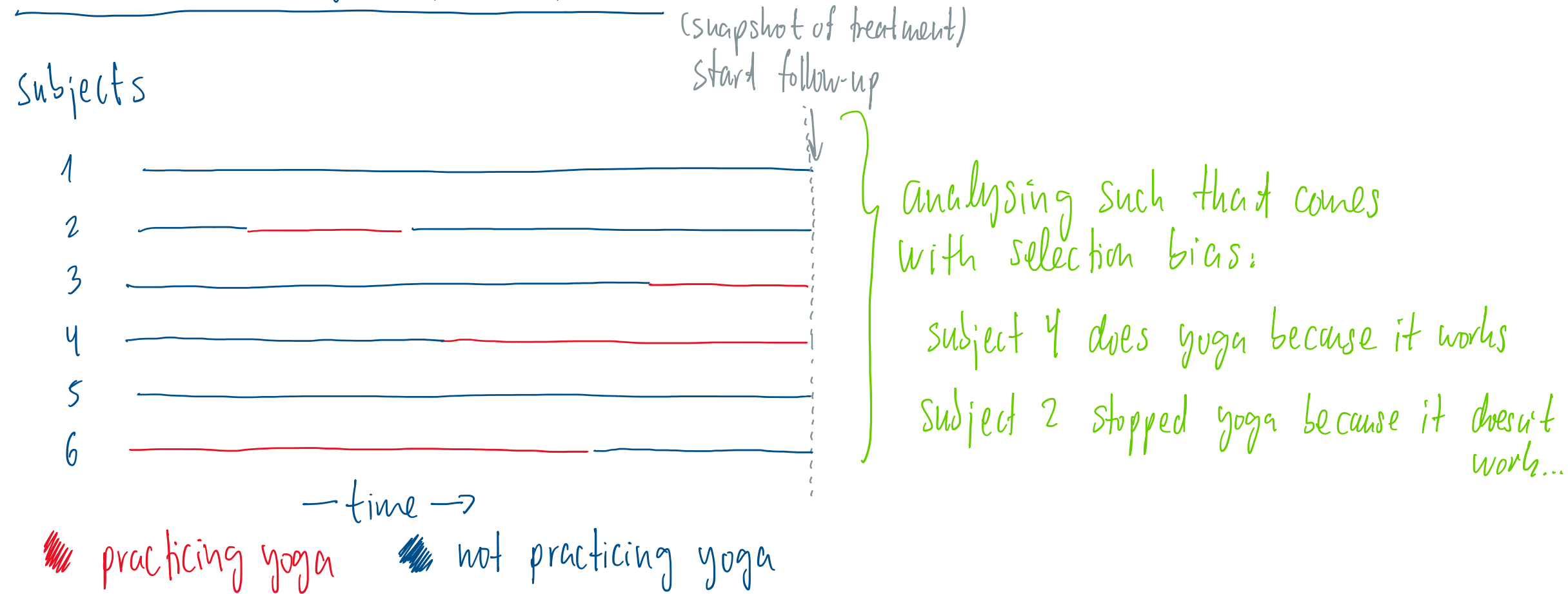


Incident user design and active comparative design

19.04.21 13:25

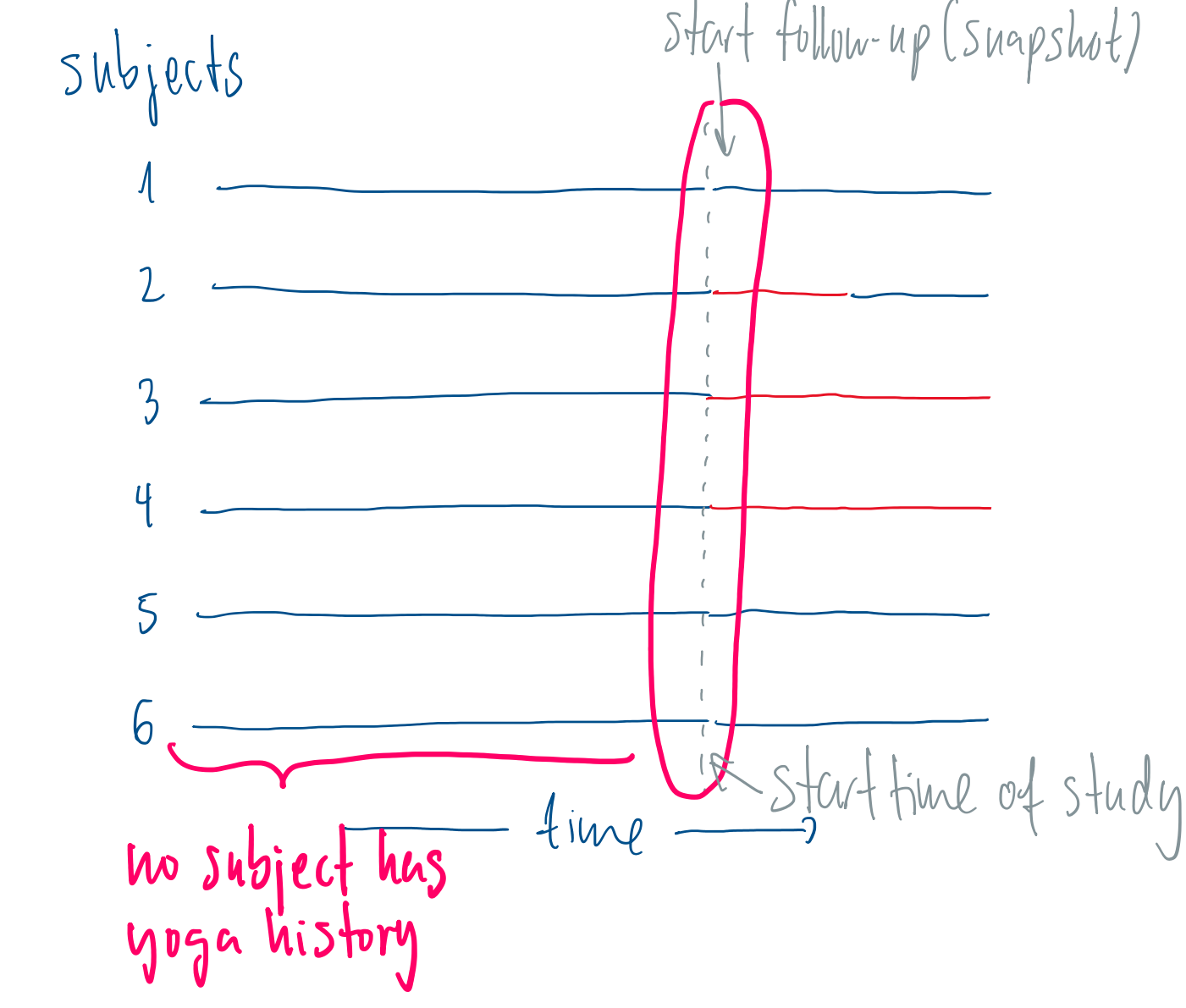
- cross-sectional data (snapshot of population at a given time, some units have been treated by that time, others haven't)  
high selection bias

- cross-sectional look at treatment:



Incident user design: (≡ new user design)

- based on people who are newly initiating treatment → "new user design"
- ↳ e.g. look at subjects who initiate yoga (recently) & look at their outcome Y (blood pressure) after pre-determined time
- ↳ example:



- time 0 for treated group: when the treatment (yoga) starts
- use an active comparator to define time 0 (start of follow-up time)  
e.g. Zumba fitness

Active comparator design:

- compares 2 active interventions / treatments / exposures
- active comparator design tends to involve much less confounding  
↳ b/c people that practice yoga and people that attend zumba classes are more alike than people who don't exercise at all!
- however, causal question becomes more narrow!

Combination of incident user design with active comparator:

