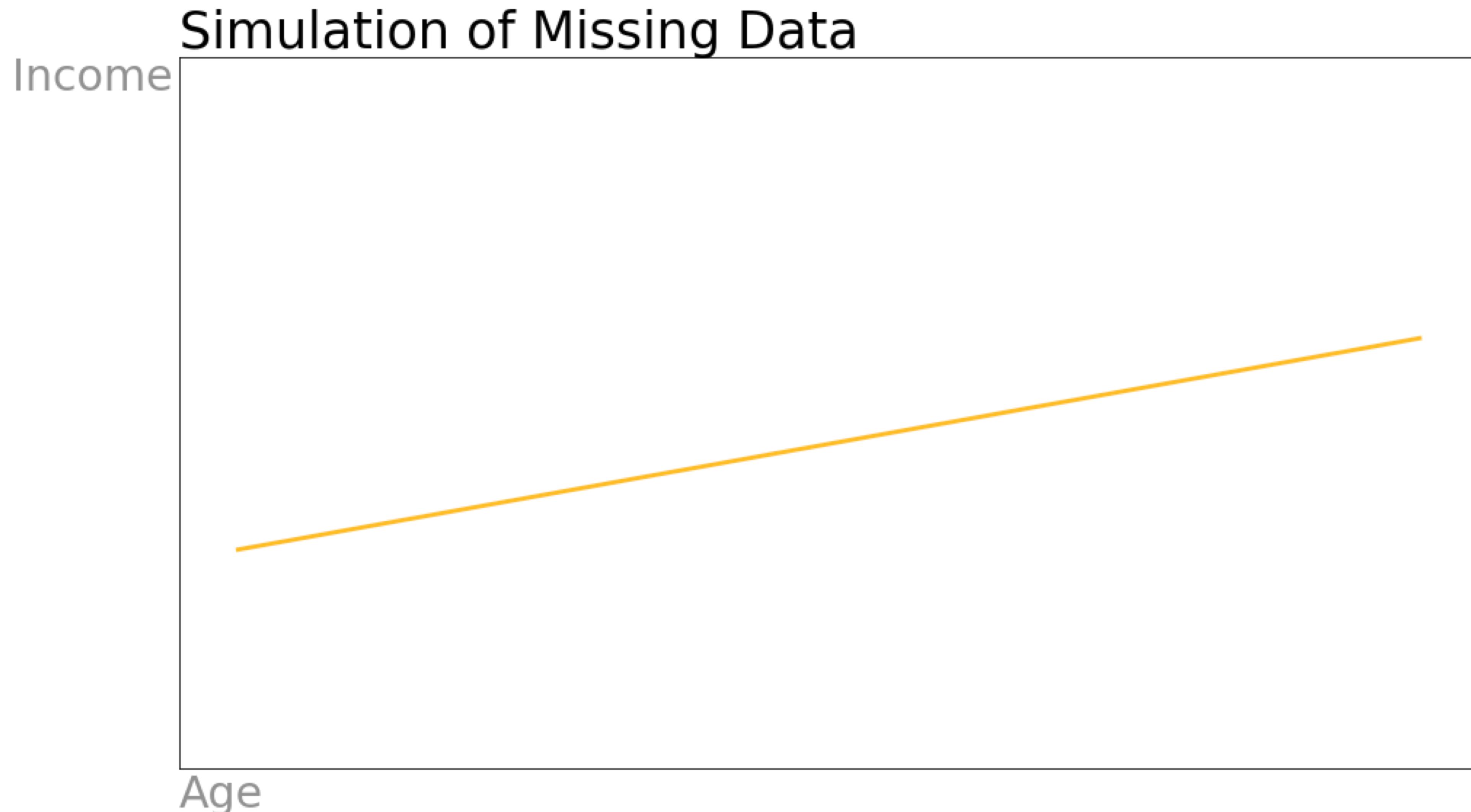
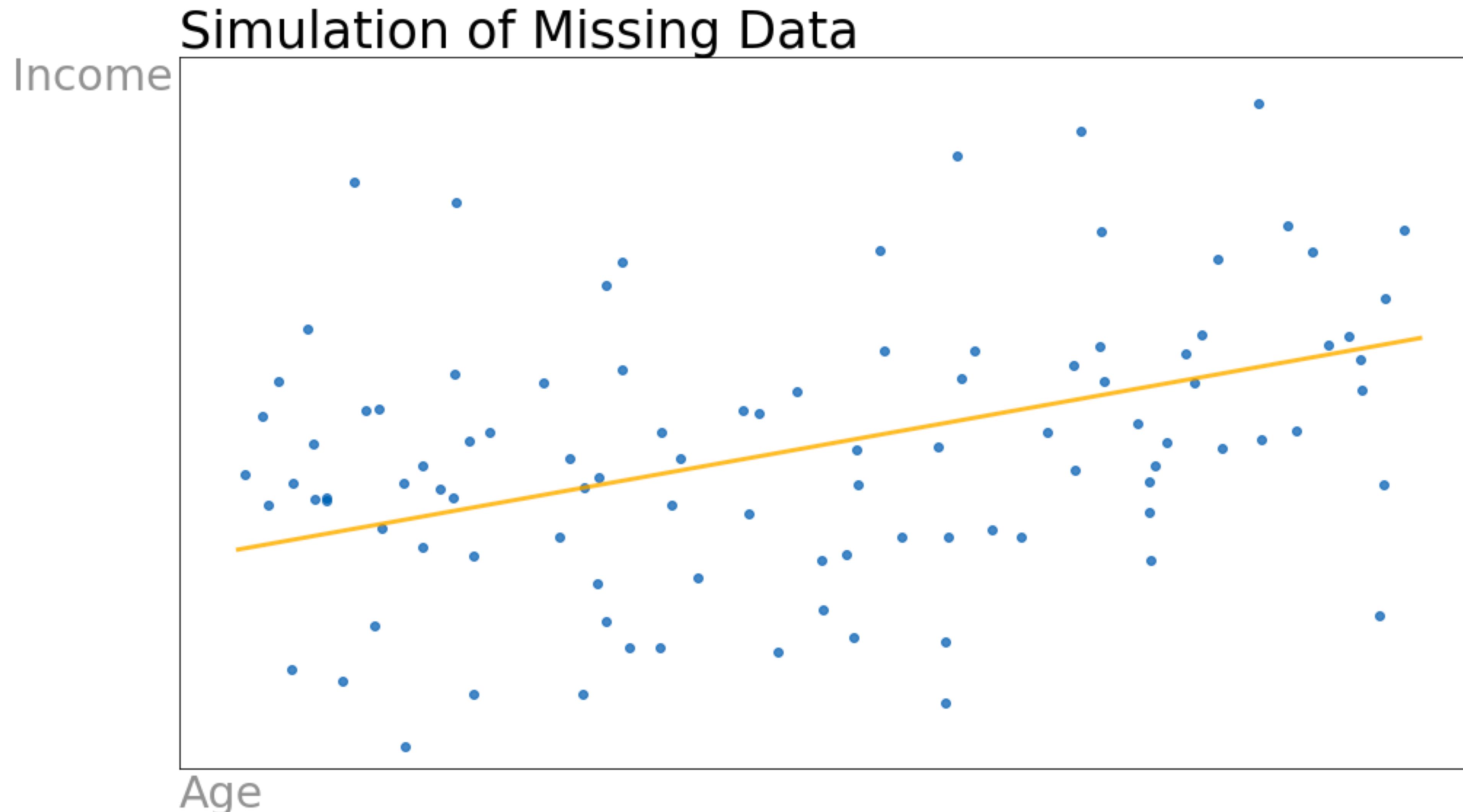


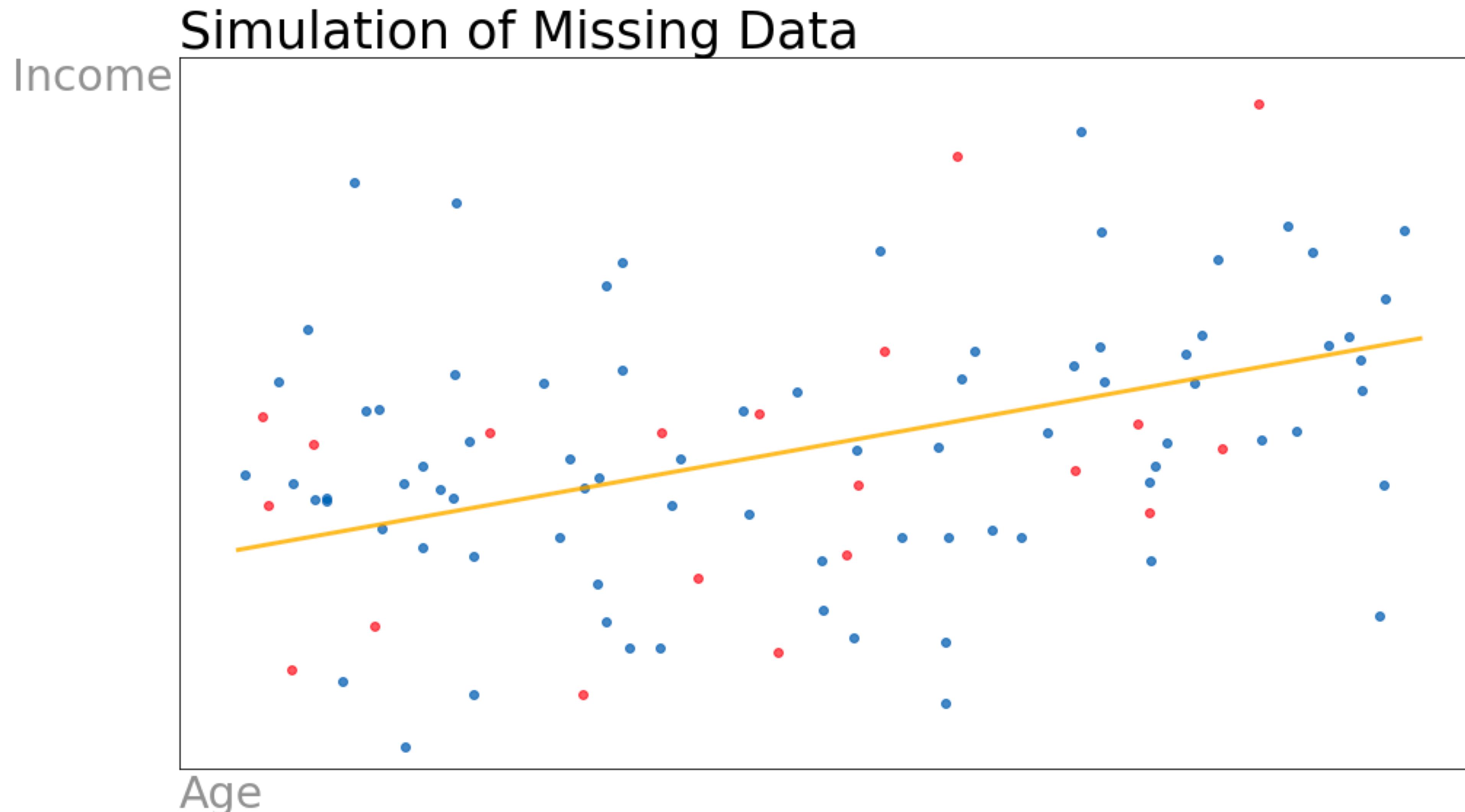
How big of a problem is missing data?



How big of a problem is missing data?

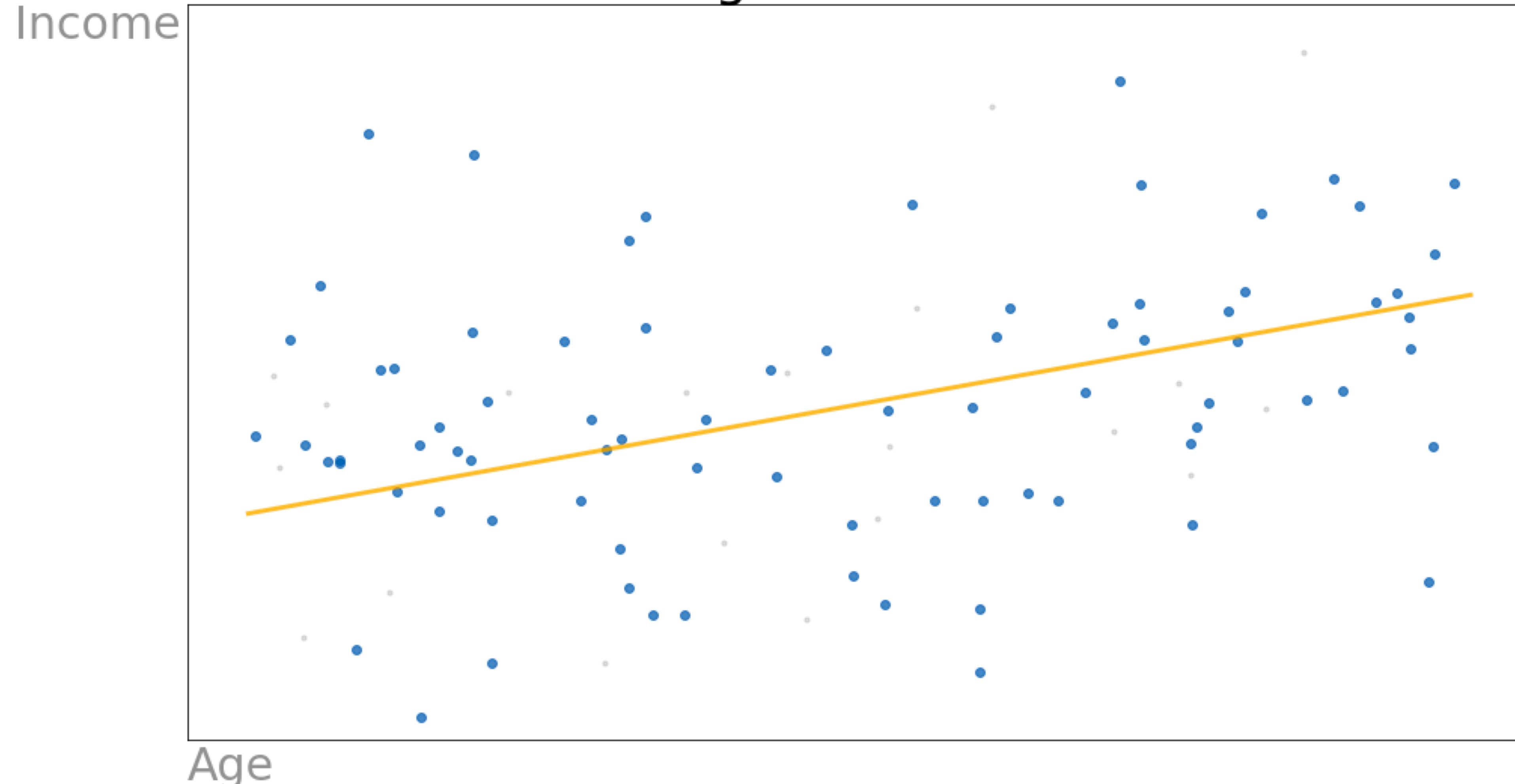


How big of a problem is missing data?

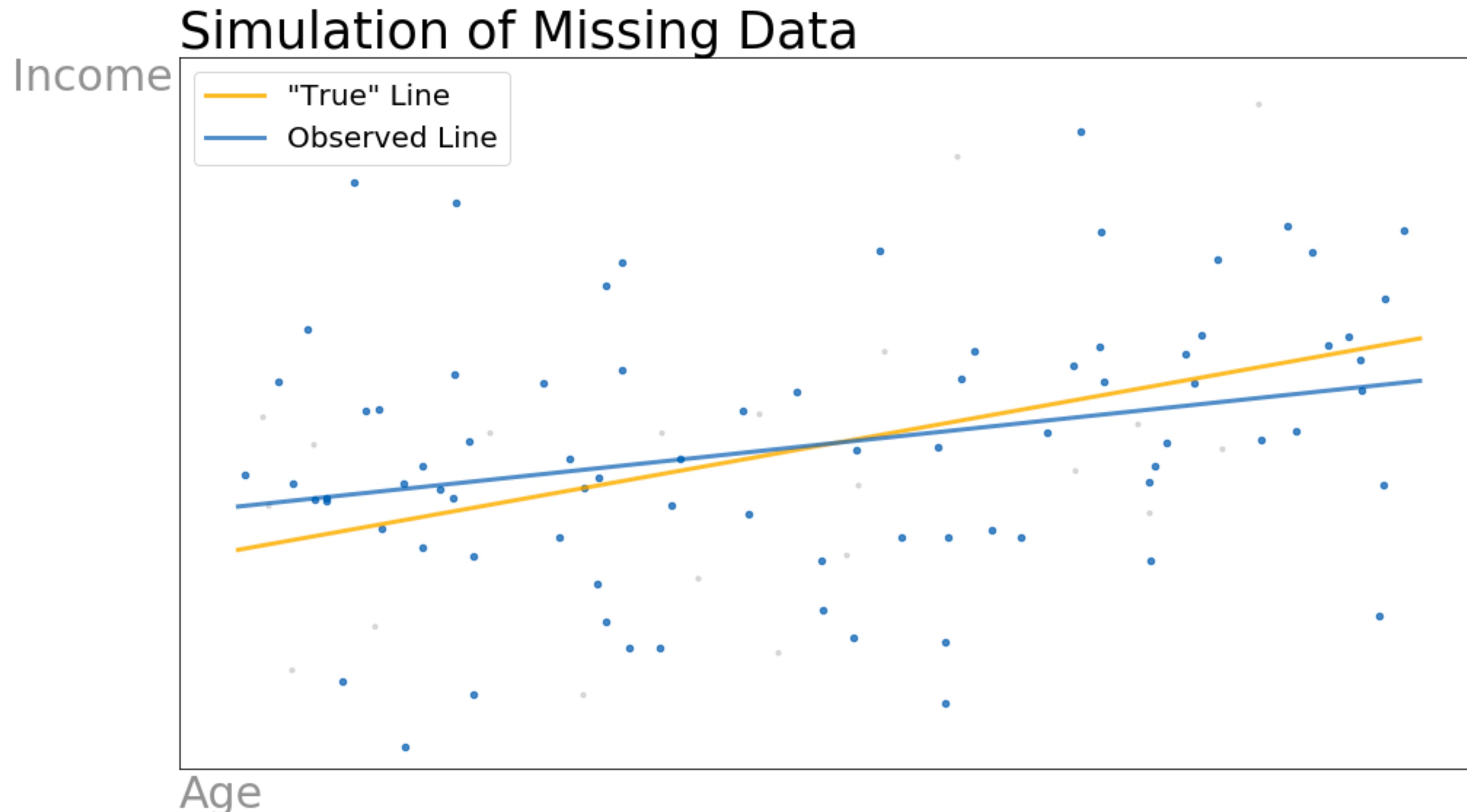


How big of a problem is missing data?

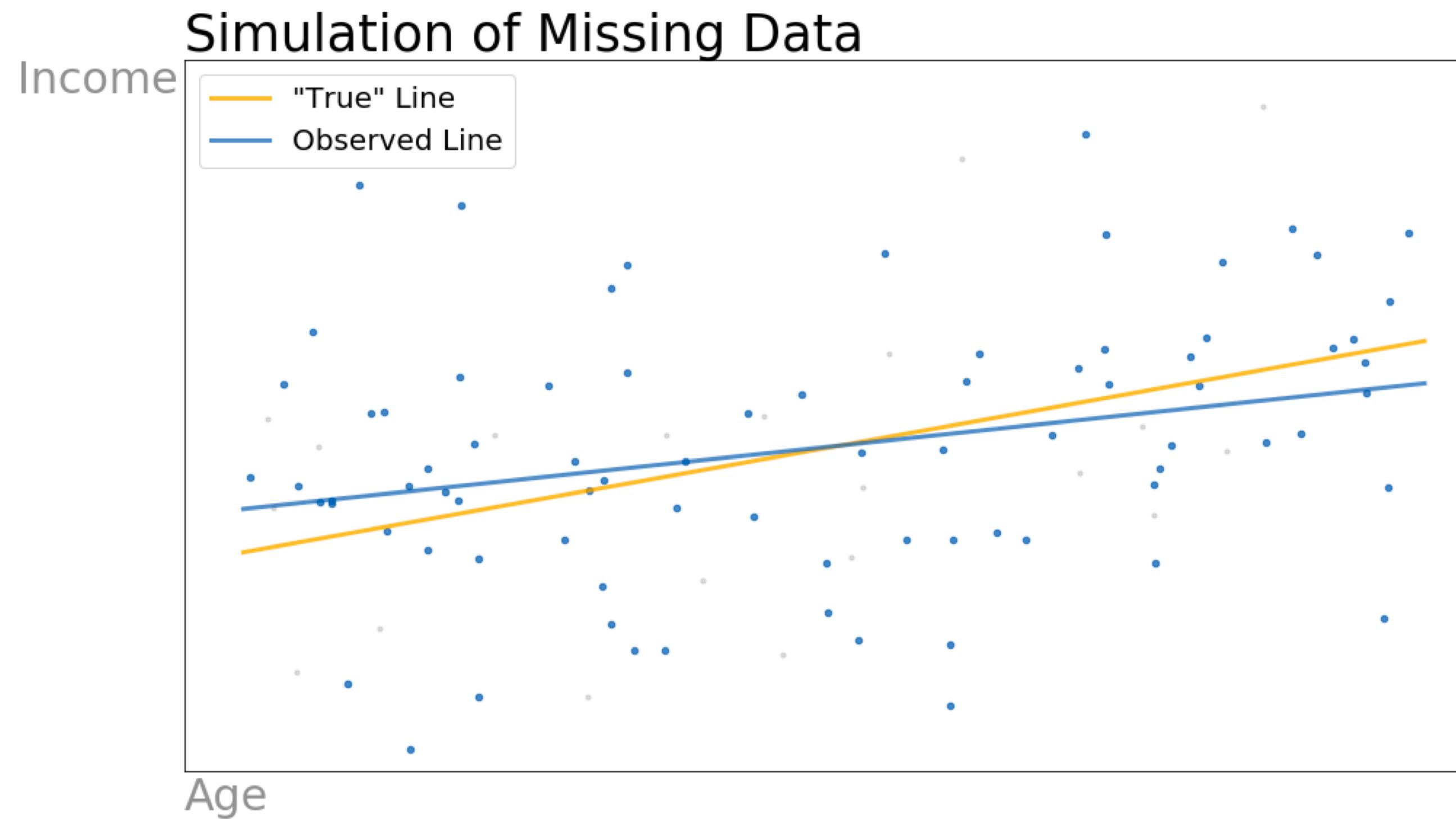
Simulation of Missing Data



How big of a problem is missing data?



How big of a problem is missing data?



- 20% of observations are missing completely at random.
- True slope: 750
- Observed slope: 445
- Percent change: 40.7%
- True y -intercept*: 15,000
- Observed y -intercept*: 27,229
- Percent change: 81.5%