



# Life Course Trajectories and Wealth Accumulation in the United States: Comparing Baby Boomers and Millennials

Rob J. Gruijters, Zachary van Winkle & Anette Fasang

Centre for Global Higher Education Webinar  
9. April 2024



## Are Millennials 'the first generation that is worse off than their parents?

FT Series **Financial crisis anniversary**

FT Data **Millennials**

Five charts show why millennials are worse off than their parents

Americans who came of age around the crisis have fallen behind previous generations



Millionaire tells millennials: if you want a house, stop buying avocado toast

Australian real estate mogul Tim Gurner advised young people to solve their housing woes by putting their '\$22 a pop' toast toward a deposit instead



Greg Hurst Social Affairs Editor

quality of life, the report by the Health Foundation think tank says.

lower lifetime earnings. Social media is also highlighted, with the report saying that people in their 20s have to manage

suffer from chronic loneliness than any other age group. The report also identifies a safe and

presents a paradox because the health of young people is improving by many conventional measures, with lower

... or are they actually 'thriving'?

test Newsletters

*The Atlantic*

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IDEAS

# The Myth of the Broke Millennial

After a rough start, the generation is thriving. Why doesn't it feel that way?

By Jean M. Twenge

# Our study provides an empirical investigation of these questions, focusing on the United States



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## Life Course Trajectories and Wealth Accumulation in the United States: Comparing Late Baby Boomers and Early Millennials<sup>1</sup>


[Rob J. Griijters](#), [Zachary Van Winkle](#), and [Anette E. Fasang](#)

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 Abstract

 Full Text

 Supplemental Material



## Research questions

1. How does the distribution of household wealth at age 35 differ between Millennials and Baby Boomers?
2. How do early work and family trajectories differ between Millennials and Baby Boomers?
3. How do the wealth returns to different work and family trajectories vary between Millennials and baby boomers?
4. To what extent can cohort differences in household wealth be attributed to changes in work and family life courses?

# A life course approach to wealth differences across birth cohorts

Our approach to cohort change in wealth accumulation is based on three integral principles of the life course paradigm:

- 1) Comparing birth cohorts **at the same age** as a way of studying social change (Ryder 1965)
- 2) Paying attention to **intracohort differentiation** and inequality, rather than looking at averages by generation (Dannefer 1987)
- 3) An emphasis on life courses as longitudinal, sequenced **trajectories** (Elder 1975; Fasang and Mayer 2020).

# How do life course trajectories relate to wealth accumulation?

Four theoretical mechanisms:

- 1. Treatment** mechanisms relate to the direct wealth-enhancing effects of work and family life courses.
- 2. Facilitation** occurs when wealth enables transitions or provides access to certain trajectories or, conversely, when pathways are blocked or complicated by a lack of wealth.
- 3. Selection** into different work and family trajectories (for example by ability, parental background) might affect returns to those trajectories
- 4. Discrimination** occurs when employers, parents, and others exhibit bias against or in favor of certain life course trajectories in ways that are relevant to wealth accumulation.

# Why might wealth outcomes vary between Baby Boomers and Millennials at the same age?

1. Differences in the **prevalence of trajectories** that are associated with low / high wealth accumulation in each cohort

*For example, a decline in marriage or an increase in unstable, low-paid employment*

2. Differences in the **wealth returns** associated with otherwise similar trajectories

*For example, the wealth holdings of married couples with stable working-class careers*



# Macro-structural changes and changes in wealth across cohorts

- 1. Economic Restructuring:** Deindustrialization, skill-biased technological change, and the rise of the service economy
- 2. Ideational Change and the Second Demographic Transition** Including a decline in marriage, delayed fertility, and increasing separation and family complexity
- 3. Social Policy and Tax Reforms** Such as welfare reform and tax cuts for the wealthy

*Taken together, the observed trends in economic restructuring, ideational change, and social policy and taxation suggest adverse compositional life course change and polarizing wealth returns for the early Millennials compared to the late Baby Boomers.*

## Data and sample

- National Longitudinal Surveys of Youth (NLSY): 2 cohorts
- NLSY 79 (late 'Baby boomers'):
  - 12,686 respondents born between 1957 and 1964
  - First interviewed in 1979, then annually
  - Sample: born between 1957 and 1964 (N=6,793)
- NLSY 97 ('Millennials'):
  - 8,948 respondents born between 1980 and 1984
  - First interviewed in 1997, then annually
  - Sample: born between 1980 and 1984 (N=6,062)

# Measures

- Wealth at age 35
  - Assets minus debts of respondent & partner
  - Converted to 2018 USD, topcoded at 600k
- Family and employment trajectories from age 18 to 35
  - Derived from monthly activity calendars
  - Based on sequence analysis & clustering
- Ascribed characteristics: race, gender, parental education

# Cohort comparison

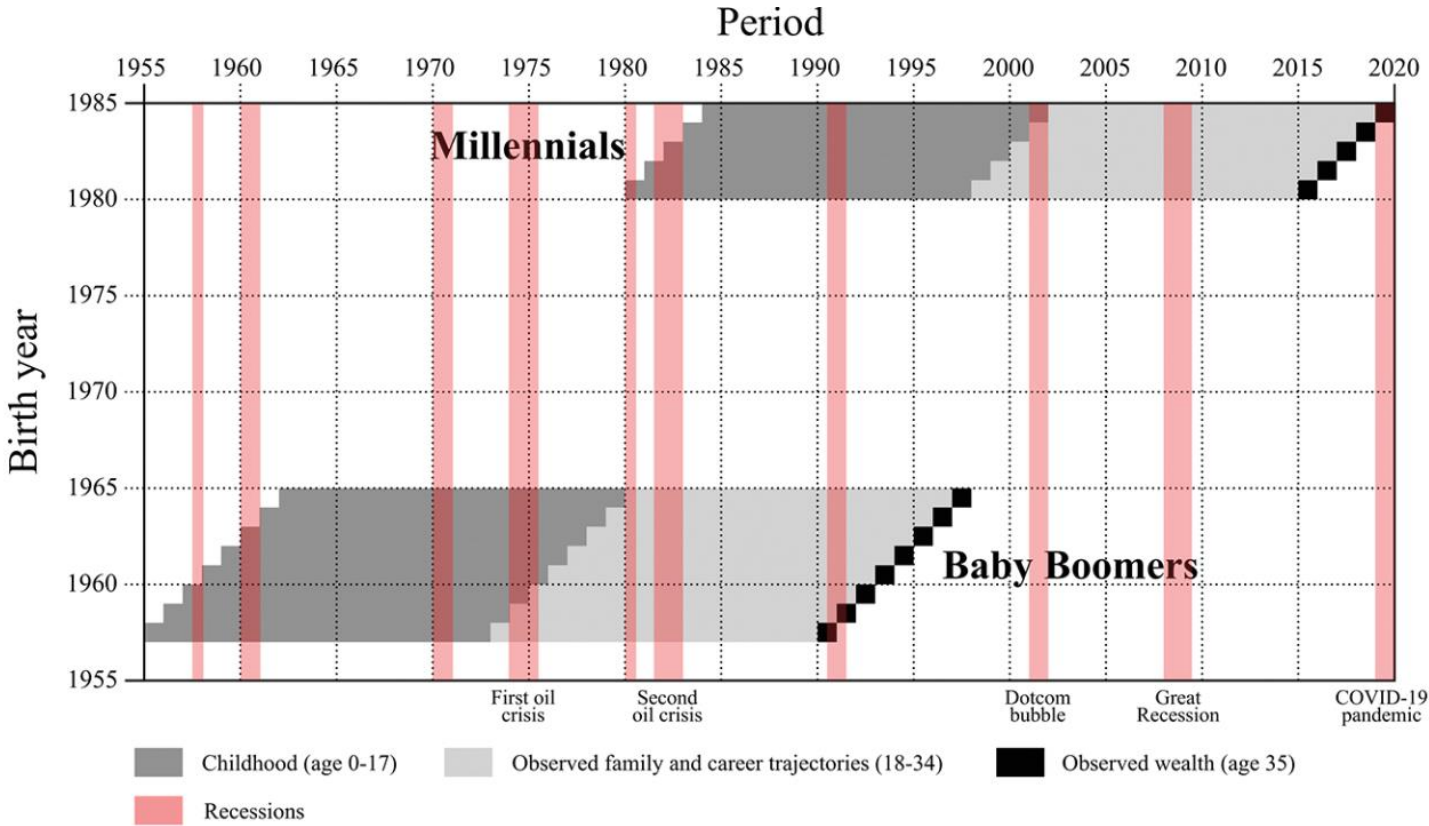
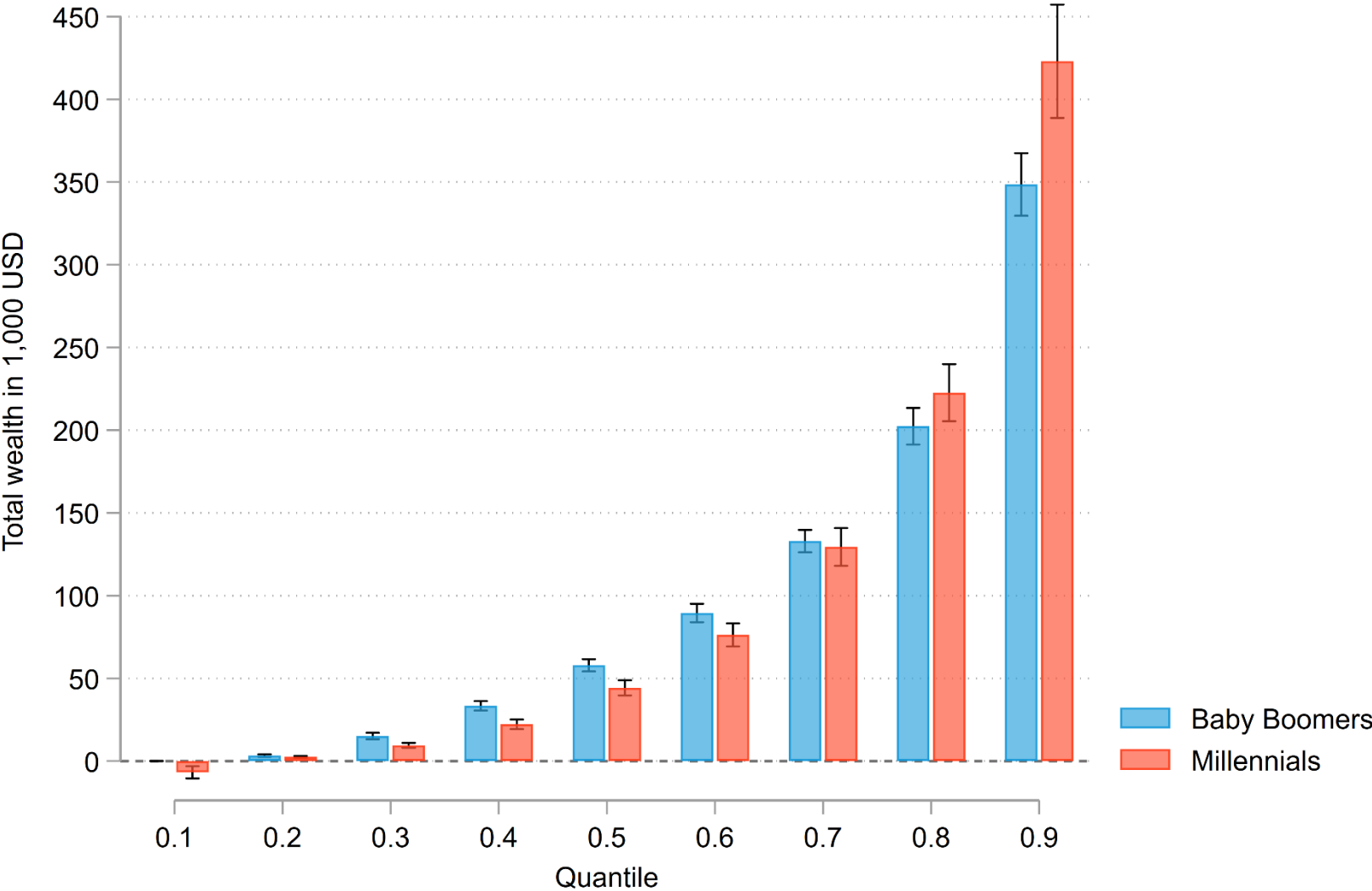


FIG. 1.—Location of observed birth cohorts in historical time. Graph should be read from the left to the right: birth cohorts pass through historical periods.

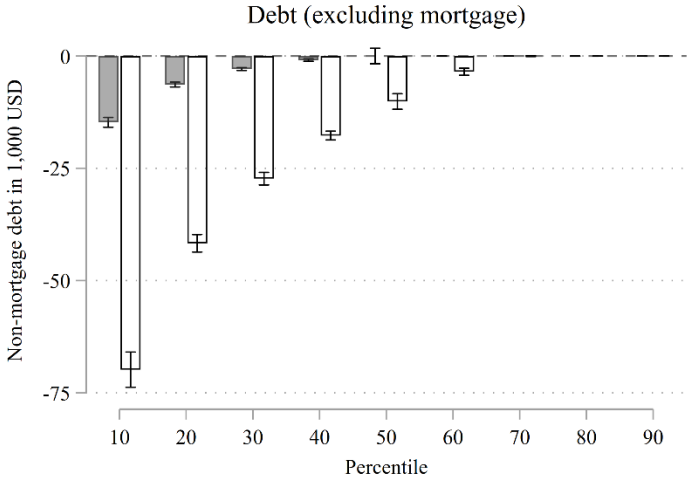
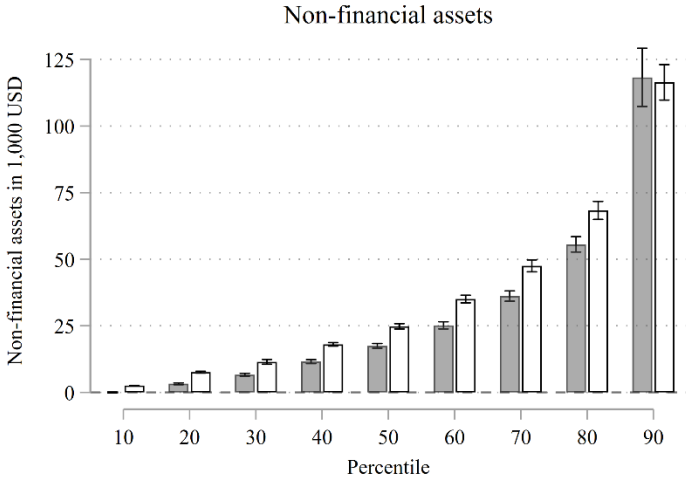
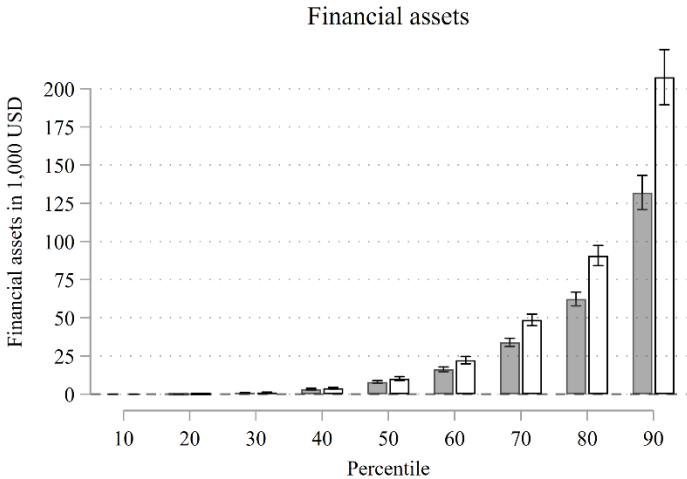
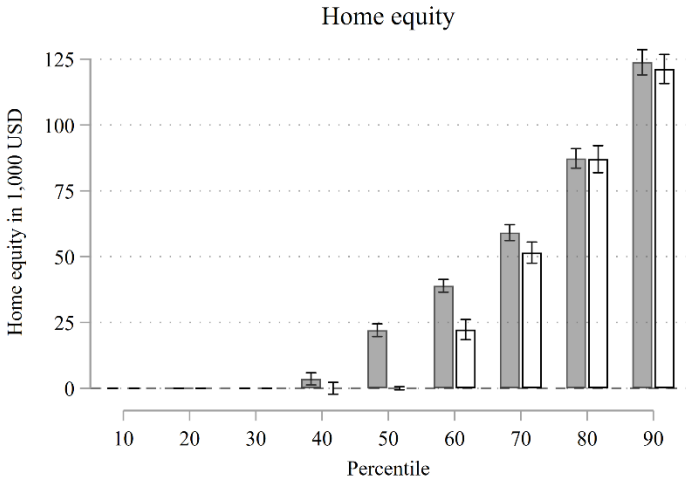
# Analytical approach

- How do life course trajectories differ across cohorts?
  - Sequence and cluster analysis to identify 'typical' employment and family trajectories between age 18 and 35
  - Jointly for both cohorts
- How do the wealth returns to life course trajectories differ across cohorts?
  - Compare equivalized, inflation-adjusted wealth at age 35 between cohorts
  - Quantile regression to look at wealth gaps at different points in the distribution (10<sup>th</sup>, 50<sup>th</sup>, 90<sup>th</sup> percentile) instead of the mean

# Wealth distribution, by decile and cohort



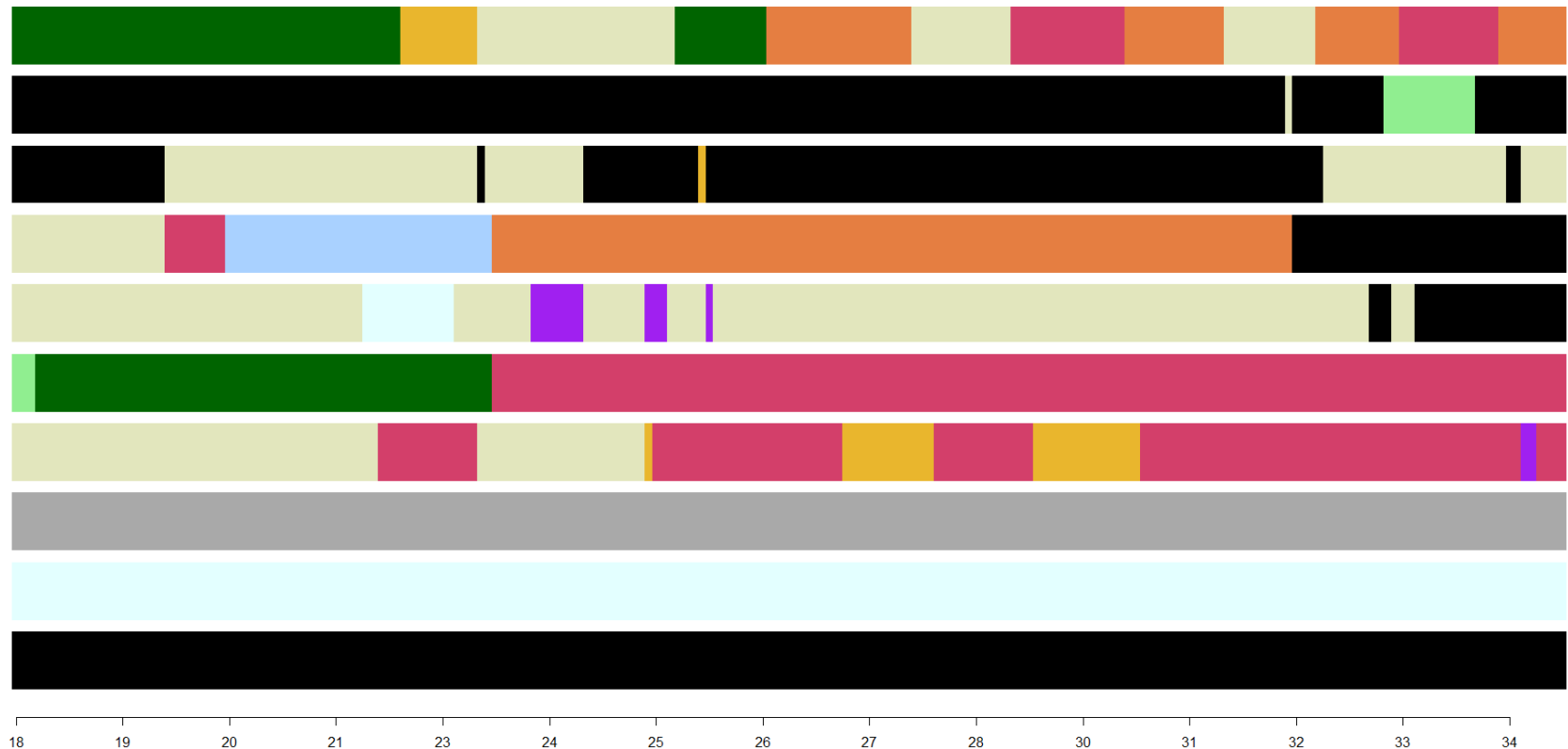
# Wealth distribution, by decile and cohort



Baby Boomers
  Millennials

# Work life courses

## *Sequence operationalization*

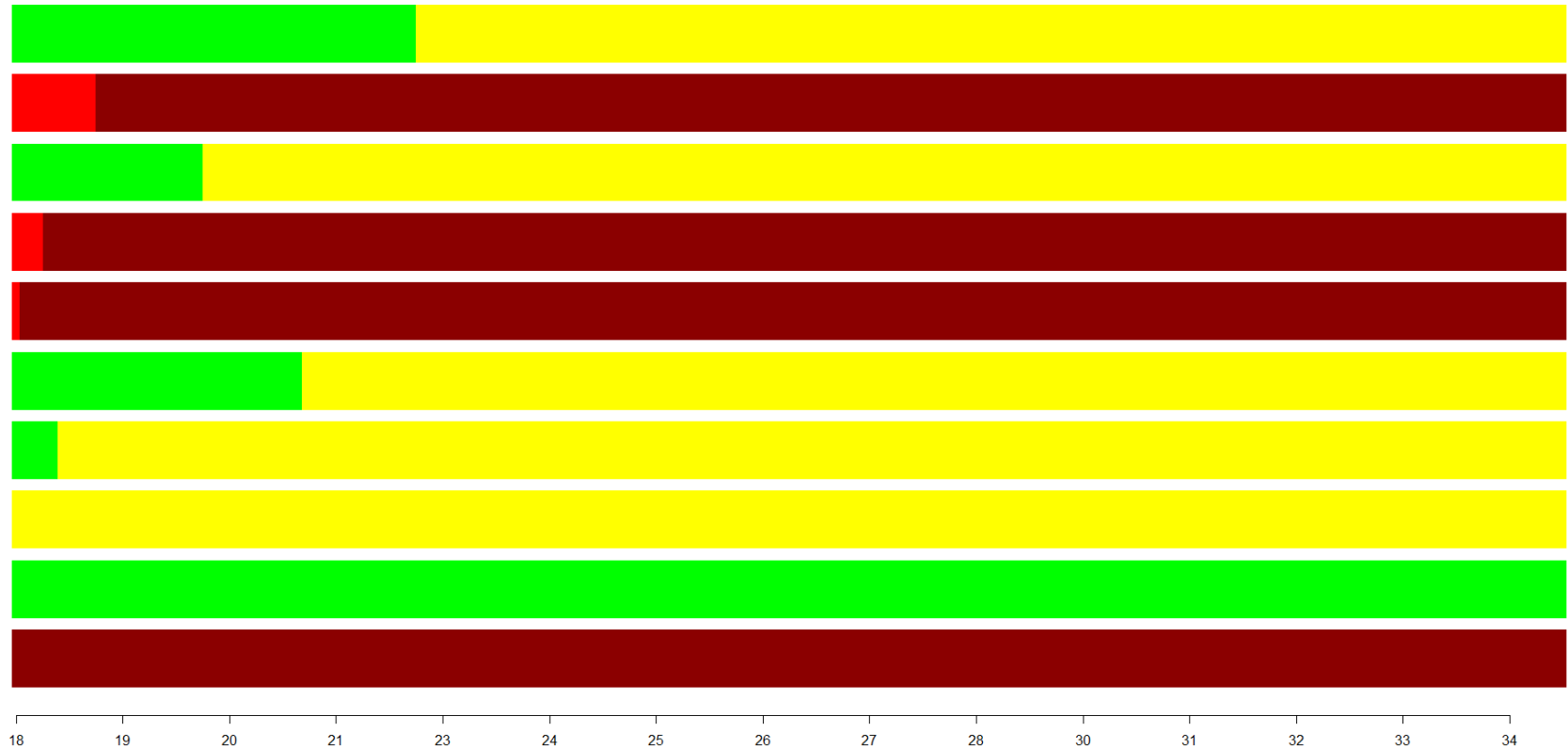


- |  |  |
|--|--|
| <span style="color: #90EE90;">■</span> School or voc. training             | <span style="color: #00B0F0;">■</span> IV: Self-employed and farmer  |
| <span style="color: #008000;">■</span> College                             | <span style="color: #6495ED;">■</span> V: Technicians and supervisor |
| <span style="color: #DC143C;">■</span> I: Higher Professionals             | <span style="color: #ADD8E6;">■</span> VI: Skilled manual            |
| <span style="color: #FF8C00;">■</span> II: Lower Professionals             | <span style="color: #E0E0E0;">■</span> VII: Unskilled manual         |
| <span style="color: #FFD700;">■</span> IIIa: Higher non-manual and service | <span style="color: #A9A9A9;">■</span> Military                      |
| <span style="color: #D2B48C;">■</span> IIIb: Lower non-manual and service  | <span style="color: #800080;">■</span> Unemployed                    |
|  | <span style="color: #000000;">■</span> OLF                           |



# Family life courses

## *Sequence operationalization*



- Parental home
- Parental home with child(ren)
- Single no child
- Single with child(ren)d
- Cohabit no child
- Cohabit with child(ren)
- Married no child
- Married with child(ren)
- Separated
- Separated with child(ren)

# Work life course patterns

Higher Professional

Lower Professional

Higher Service

Lower Service

Technicians



18 21 25 28 32



18 21 25 28 32



18 21 25 28 32



18 21 25 28 32



18 21 25 28 32

Skilled Manual

Unskilled Manual

Mixed Low-Skilled

Military

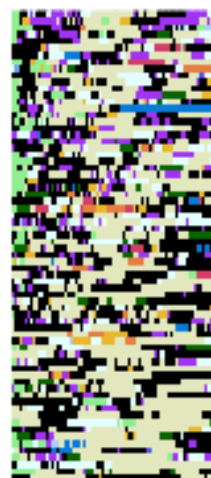
Out of Labor Force



18 21 25 28 32



18 21 25 28 32



18 21 25 28 32



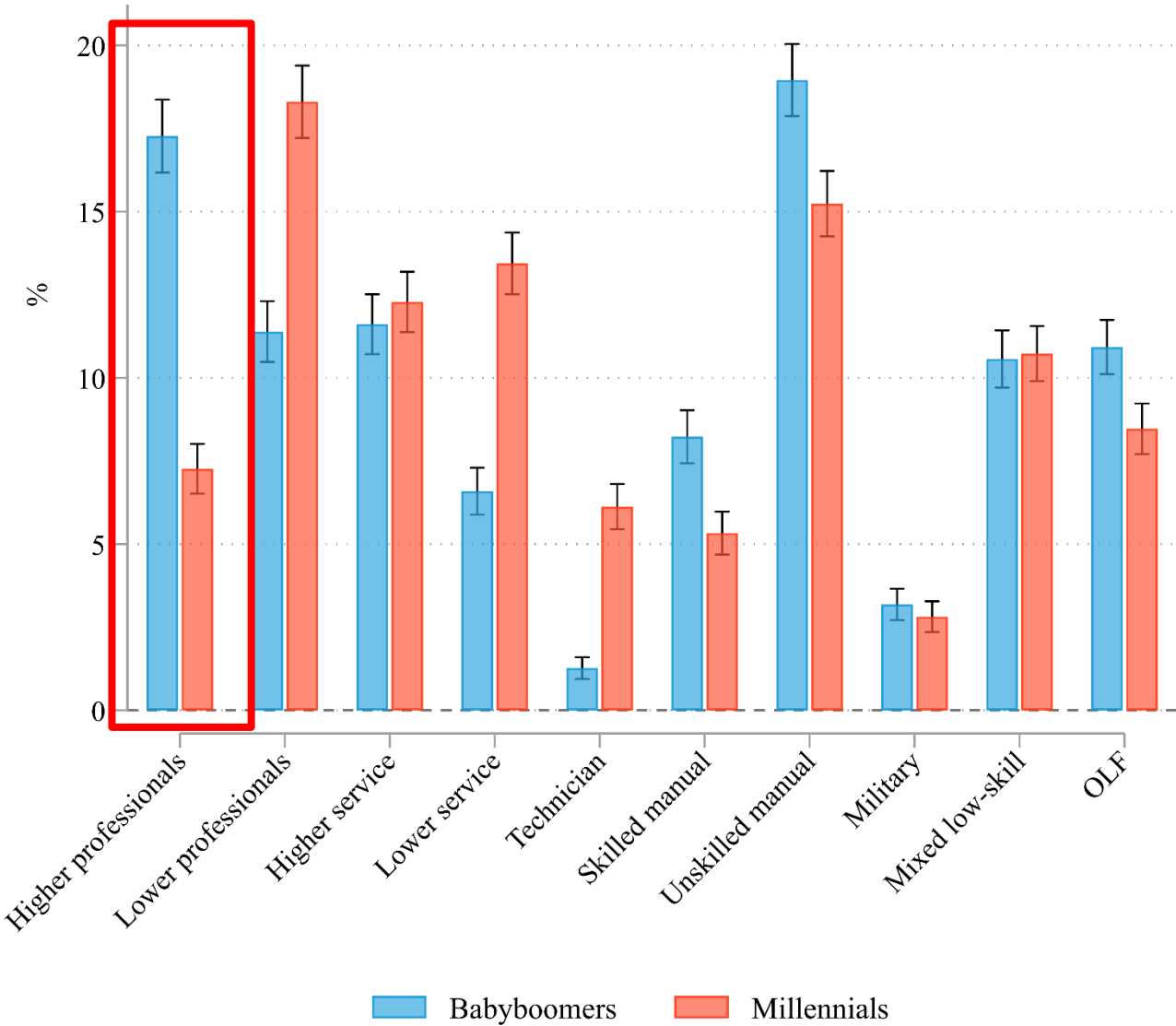
18 21 25 28 32



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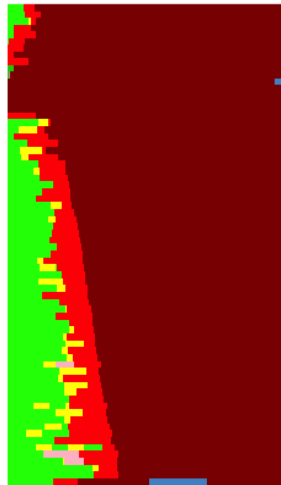
- School or voc. training
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- I: Higher Professionals
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- IIIa: Higher non-manual and service
- IIIb: Lower non-manual and service
- IV: Self-employed and farmer
- V: Technicians and supervisor
- VI: Skilled manual
- VII: Unskilled manual
- Military
- Unemployed
- OLF

# Cohort change in employment trajectories

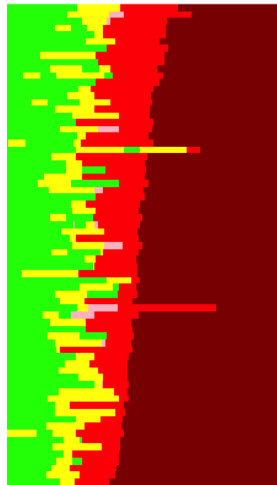


# Family life course patterns

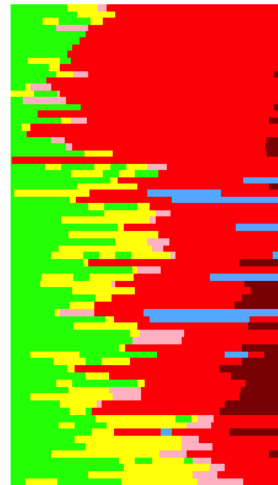
Early Marriage



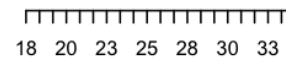
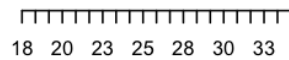
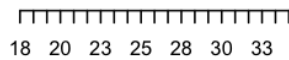
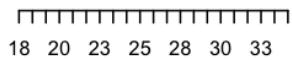
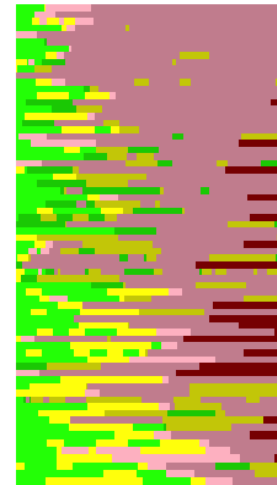
Late Marriage



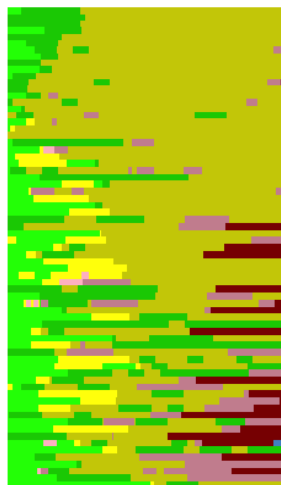
Childless Marriage



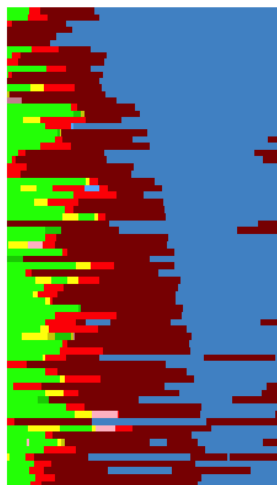
Cohabitation



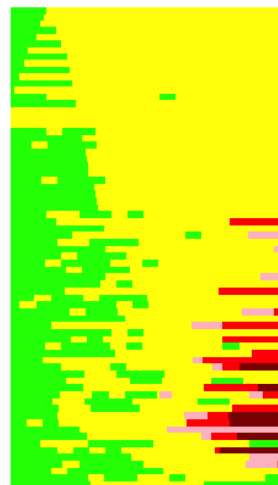
Lone Parenthood



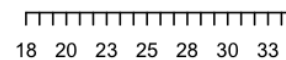
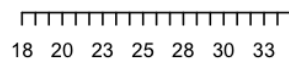
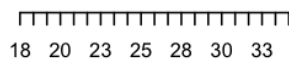
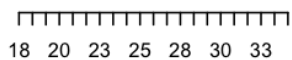
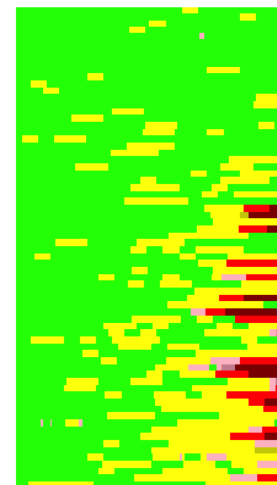
Divorce



Singlehood

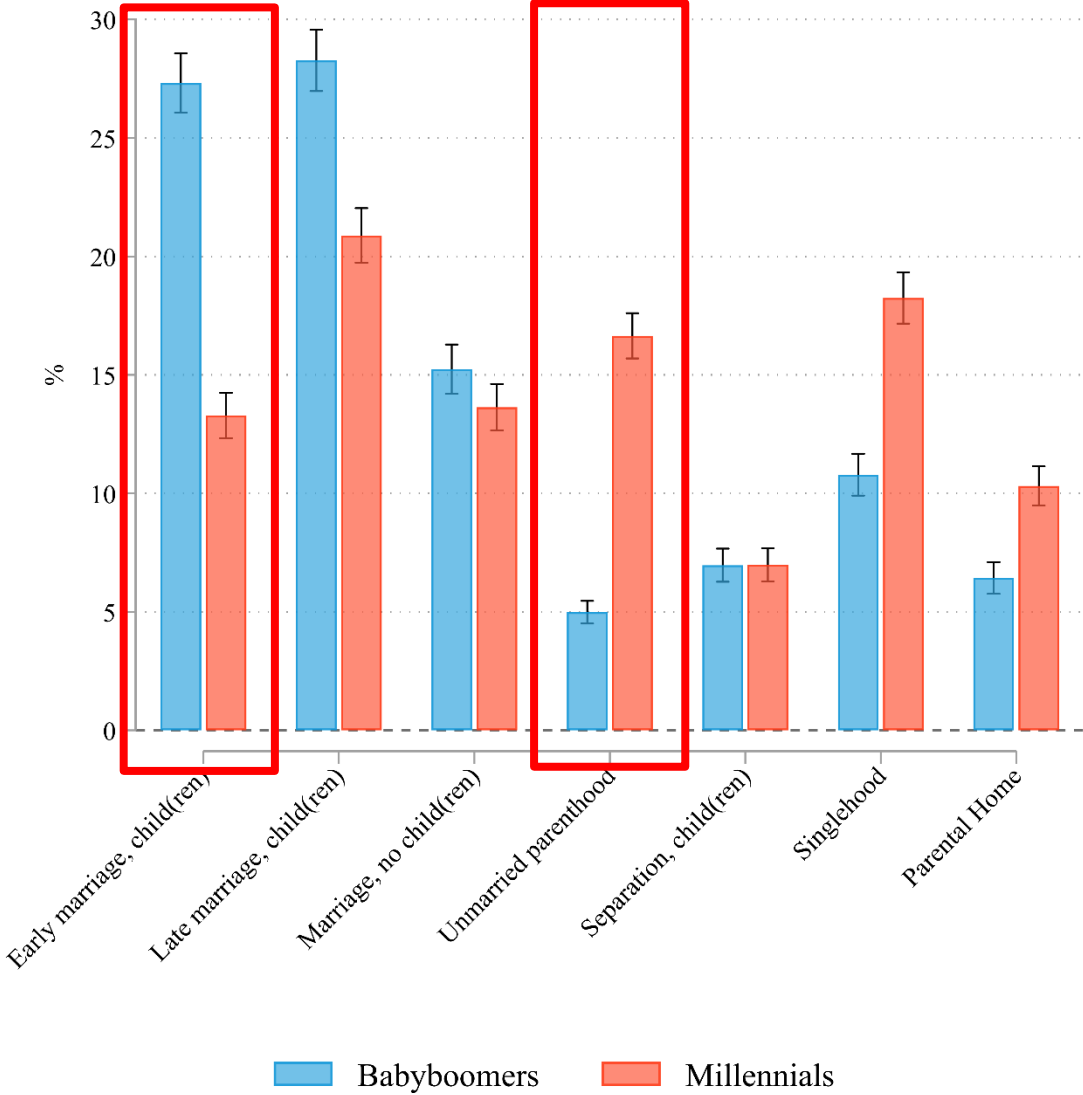


Parental Home

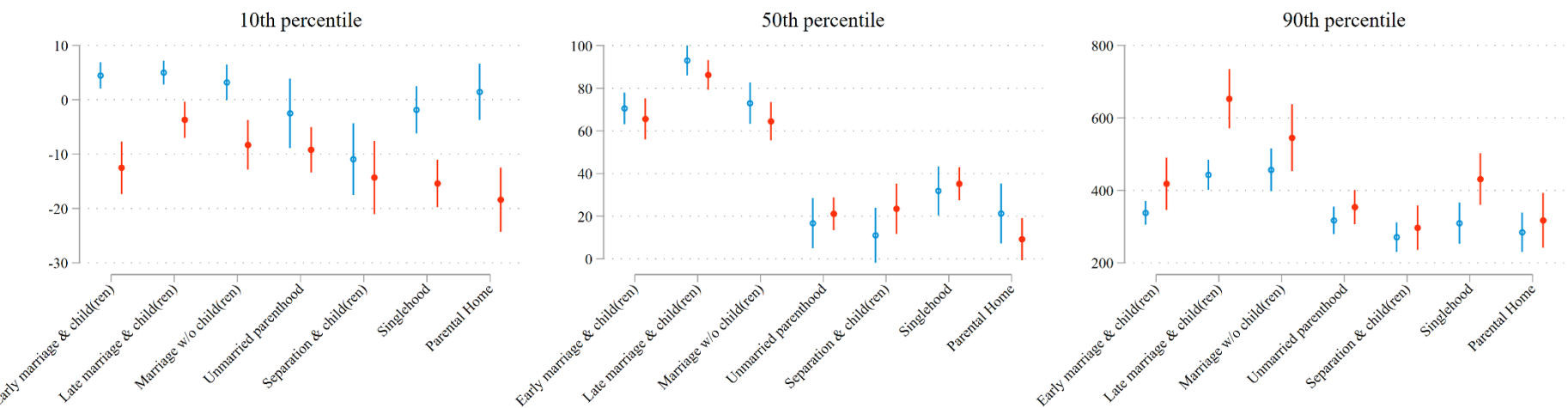
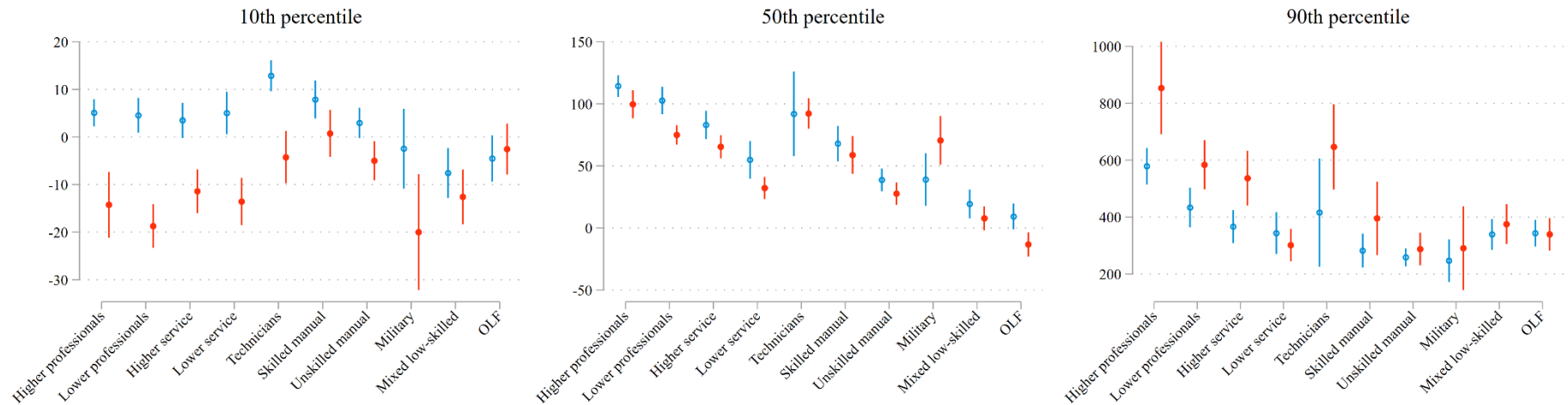


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- Cohabit with child(ren)
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- Married with child(ren)
- Separated
- Separated with child(ren)

# Cohort change in family trajectories



# Differences in wealth returns across cohorts



○ Baby Boomers      ● Millennials

Note: Predicted wealth adjusted for cohort differences in race, gender, and parental education

## Key findings

- Cohort differences in wealth vary across the distribution
  - Poorest Millennials are poorer than poorest Baby Boomers
  - Richest Millennials are richer than richest Baby Boomers
- Millennials' life courses differ substantially from Baby Boomers:
  - Shift from higher to lower professionals, service and technicians
  - Shift from marriage with children to cohabitation, singlehood and non-marital parenthood
- Polarization wealth in returns to 'middle-class' and 'working-class' trajectories across cohorts
  - Large increase in the returns to professionals and technicians, but lower wealth or indebtedness for service class & manual workers
  - Increased returns for trajectories characterized by late marriage & parenthood

## Conclusion

- Asking whether Millennials are 'worse off' than Baby Boomers is misleading: Generational averages hide vast discrepancies within generations
  - There are some Millennials who are doing extremely well—think Mark Zuckerberg and Sam Altman—while others are struggling
  - It is more useful to ask *which* Millennials were better or worse off than previous generations.
- Polarization in work-family life courses and wealth accumulation requires urgent public intervention:
  - Policies that 'lift the bottom' such as labour laws, housing policy, universal health care
  - Policies that 'level the top' such as wealth and inheritance taxes.



# Dissemination

**VIDEO: Baby boomers vs millennials**

AARON WRIGHT MONIQUE MING LAVEN KIRO 7

LOCAL

## Are millennials worse off than baby boomers? Cambridge University releases new study

By [Brittany Toolis](#), [KIRO 7 News](#)

November 15, 2023 at 9:33 pm PST



VIDEO: E

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Security guard tackles

MONEY

Baby Boomers

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## Study: Are millennials worse off than baby boomers were at the same age?



[Sara Chernikoff](#)

USA TODAY

Published 9:56 a.m. ET Nov. 14, 2023 | Updated 1:13 p.m. ET Nov. 14, 2023



MEDIA Published November 18, 2023 12:00pm EST

## Millennials less likely than boomers to own a home, get married early: Study

The study found that boomers were more likely to enter careers in law or medicine, compared to millennials, by age 35

By [Kristine Parks](#) | [FOXBusiness](#)



Market Futures

Quote Lookup



NEWS

## Are millennials worse off than boomers? Here's how they stack up financially

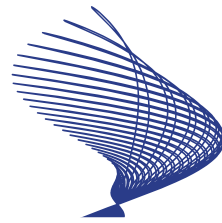
BY ASHLEIGH JACKSON - 11/26/23 12:00 PM ET



# Thank you

E: [rob.gruijters@bristol.ac.uk](mailto:rob.gruijters@bristol.ac.uk)

T: robgruijters1



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