

CPS Partnership Analysis

Replication Materials for Paper

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Data: IPUMS-CPS 1962 – 2025

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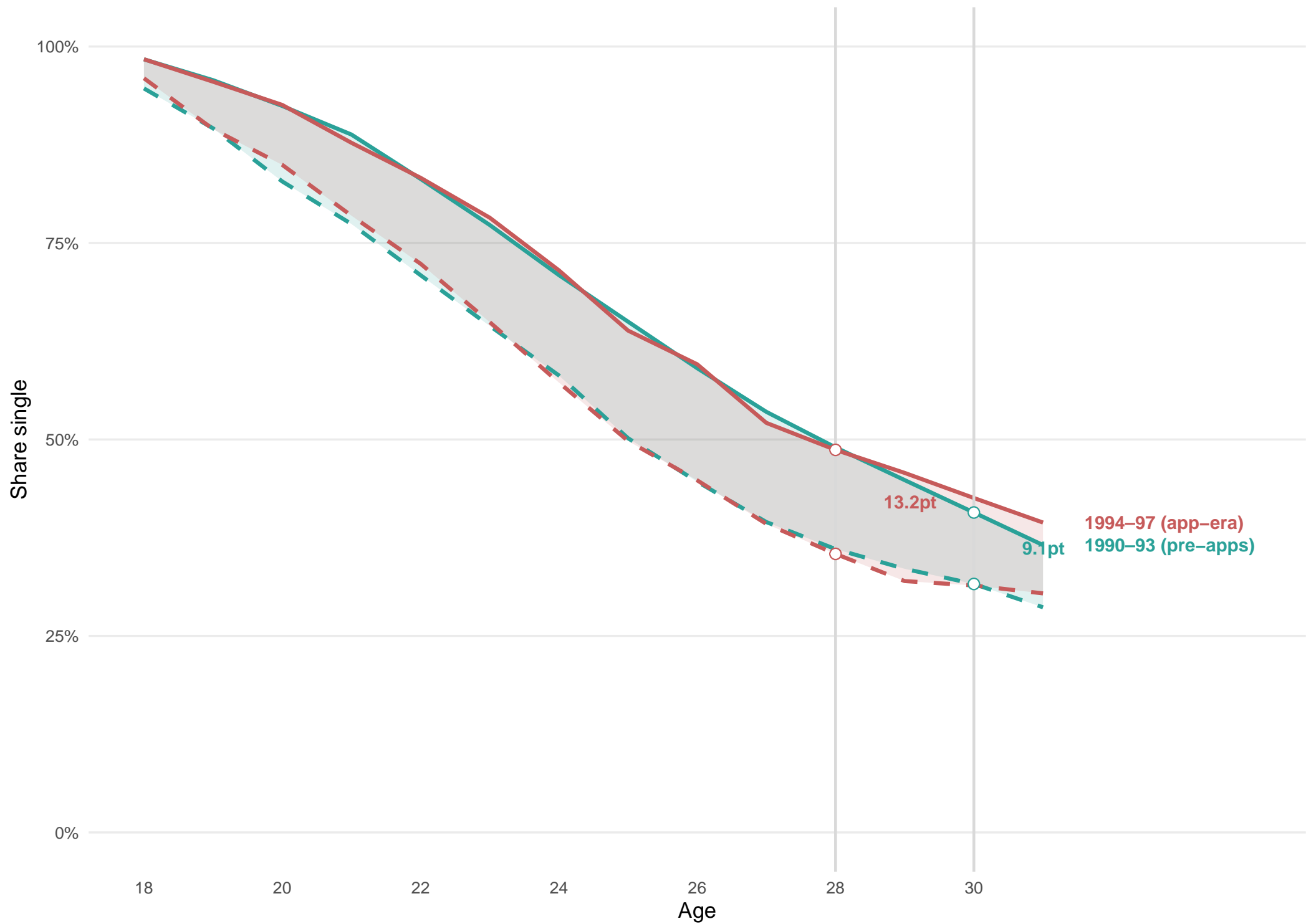
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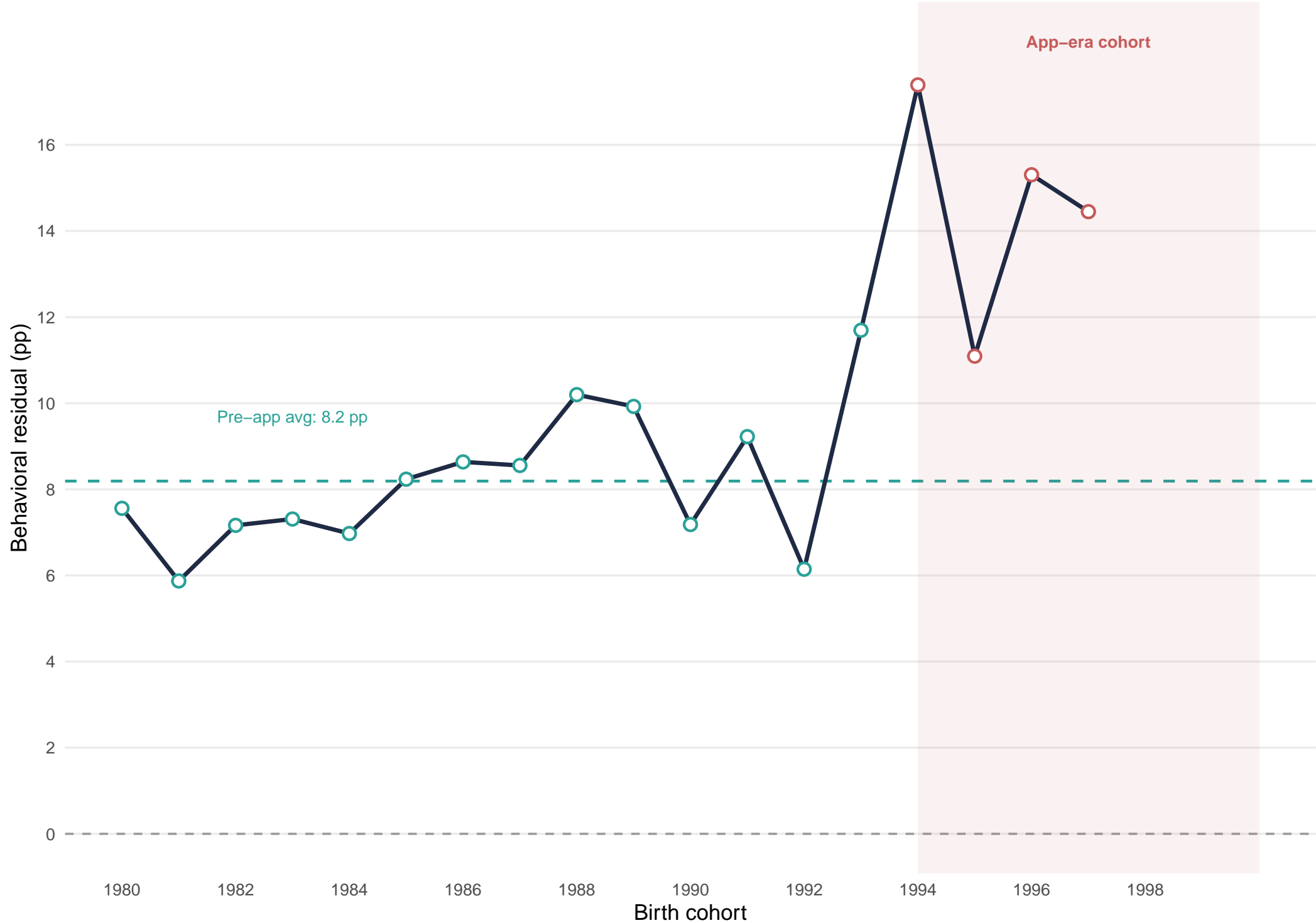
Gender Gap in Singlehood: Pre-App vs. App-Era Cohorts

Share single (not married, not cohabiting) by age. Shaded area = gender gap.
White non-Hispanic. Solid = Men, Dashed = Women.



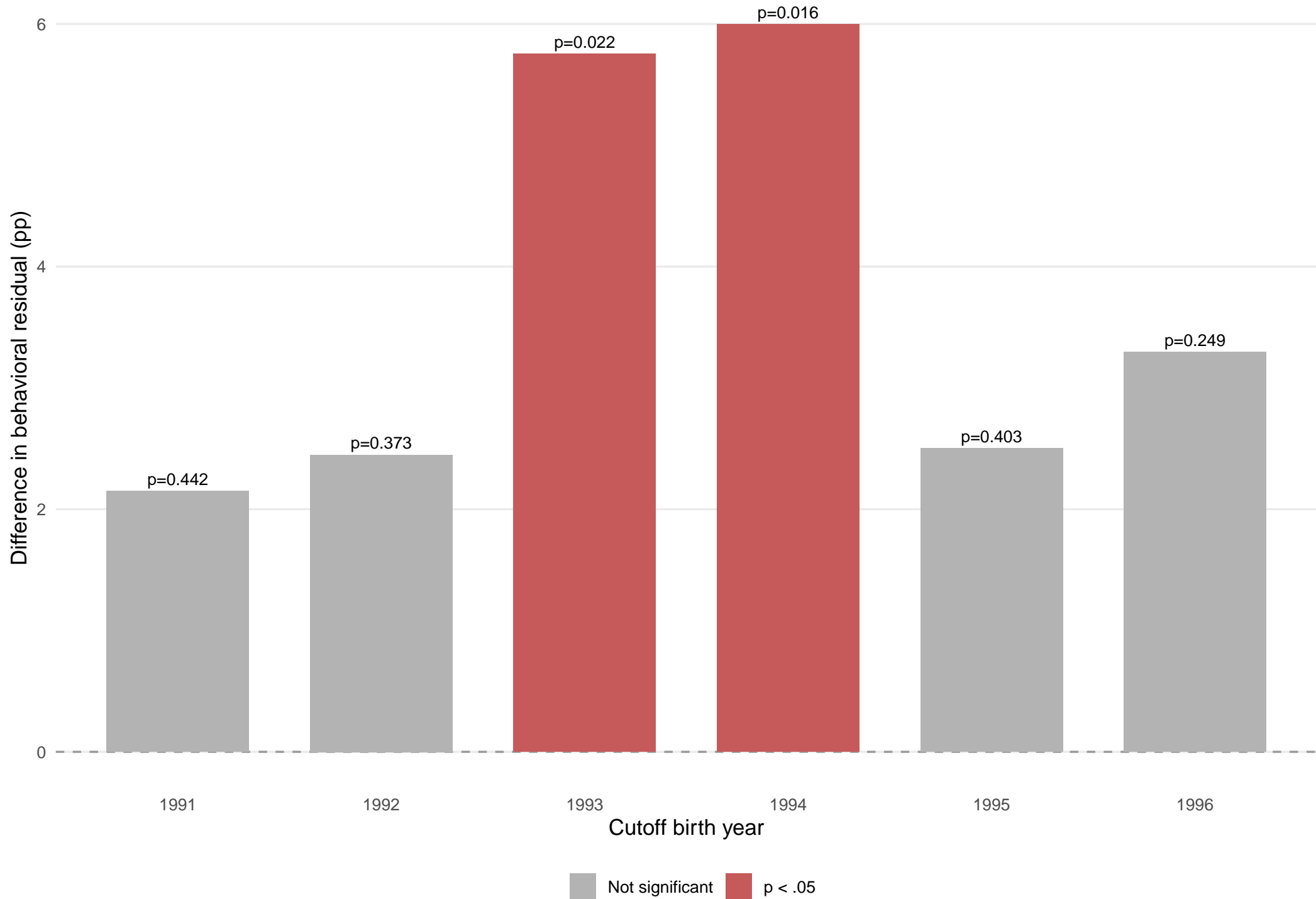
Behavioral Residual in Gender Singlehood Gap by Birth Cohort

Behavioral residual = observed gender gap – demographically expected gap.
App-era cohort (born 1994+) entered the dating market when Tinder launched in 2012.



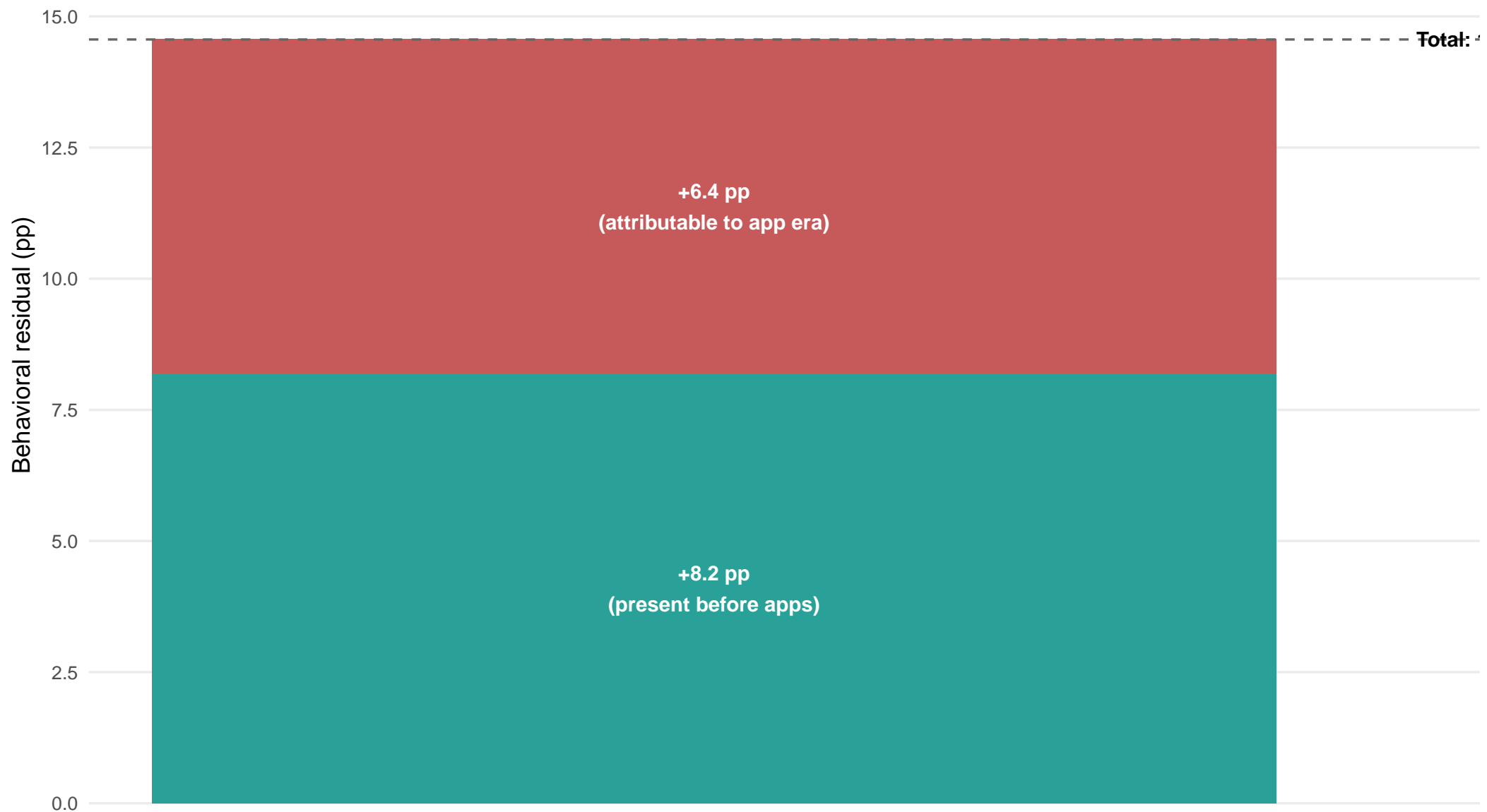
Cutoff Sensitivity Analysis

Difference in mean behavioral residual: 4 years post-cutoff minus 4 years pre-cutoff.
Significance appears only when cutoff cleanly separates pre-app from app-era cohorts.



Decomposition of App-Era Behavioral Residual

The post-app behavioral residual of 14.6 pp decomposes into pre-app baseline dysfunction and app-era additional dysfunction.



Summary Statistics

Metric	Value
Pre-app residual (1980–1993)	8.2 pp
App-era residual (1994–1999)	14.6 pp
Difference	6.4 pp
p-value	0.012