

# PREDOC Sample Data Task

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## Part 1: Labor Force Participation

### 1. The trend of female labor force participation

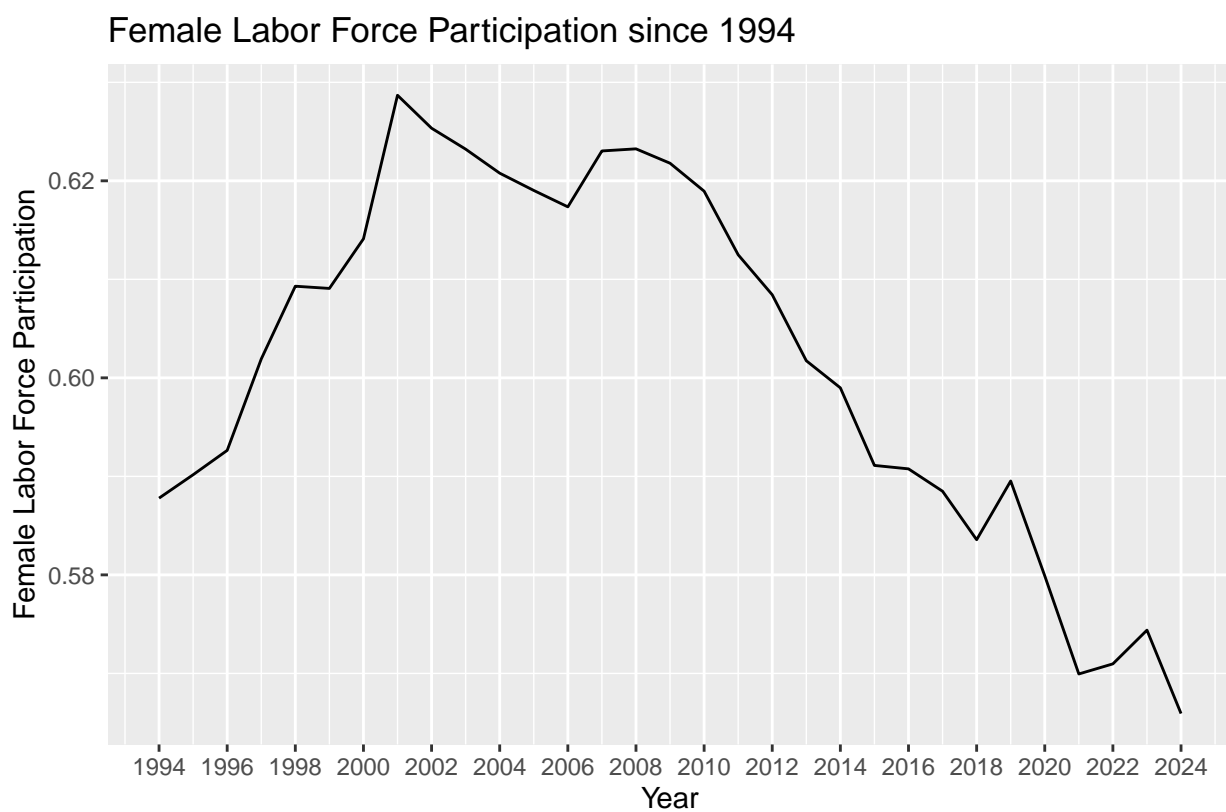


Figure 1. Data extracted from <https://cps.ipums.org/cps/>

## 2. Changes of different groups

### i. The change of different race

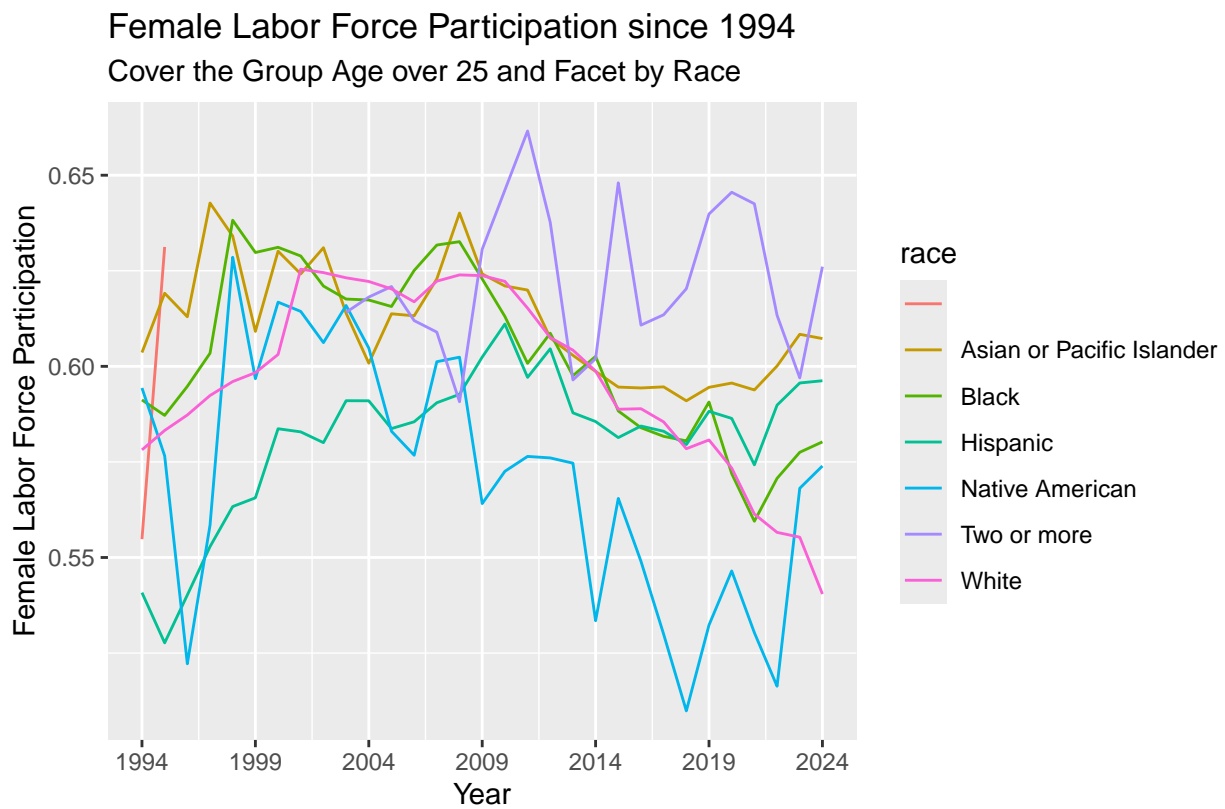


Figure 2. Data extracted from <https://cps.ipums.org/cps/>

ii. The change of different age

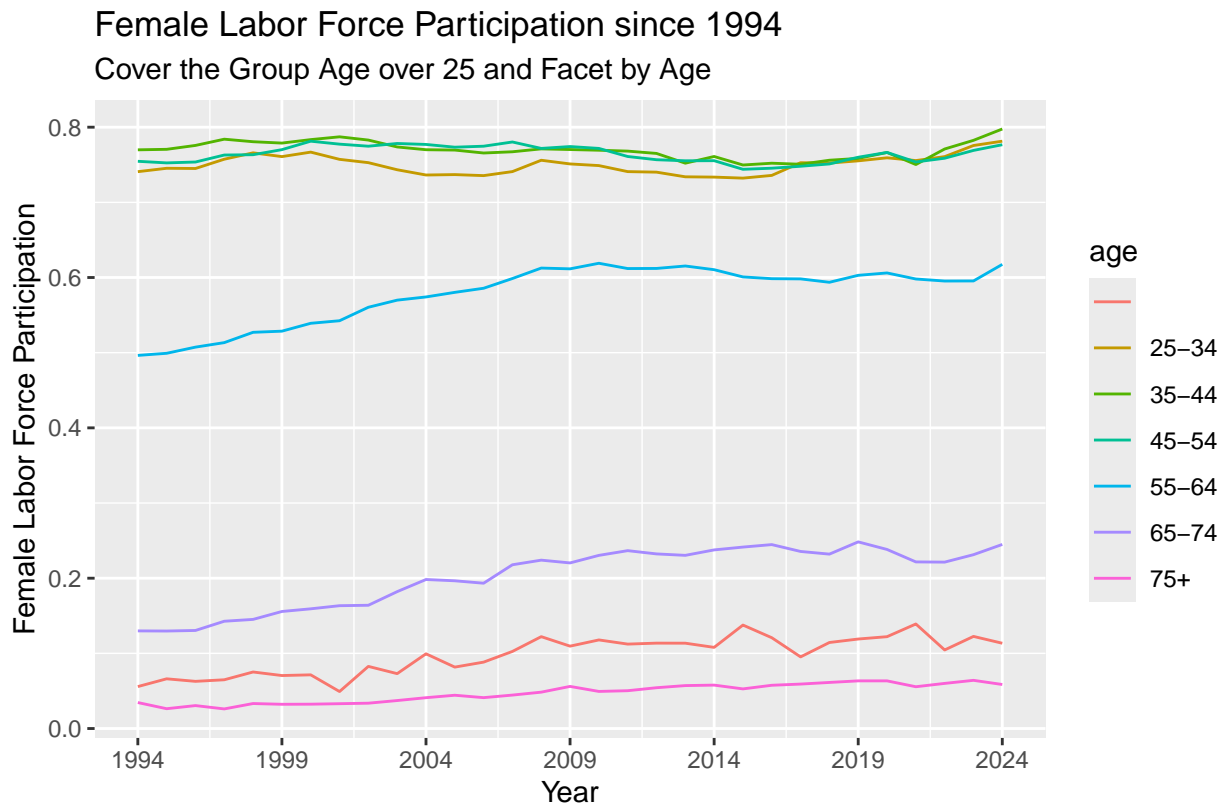


Figure 3. Data extracted from <https://cps.ipums.org/cps/>

iii. The change of different income percentile

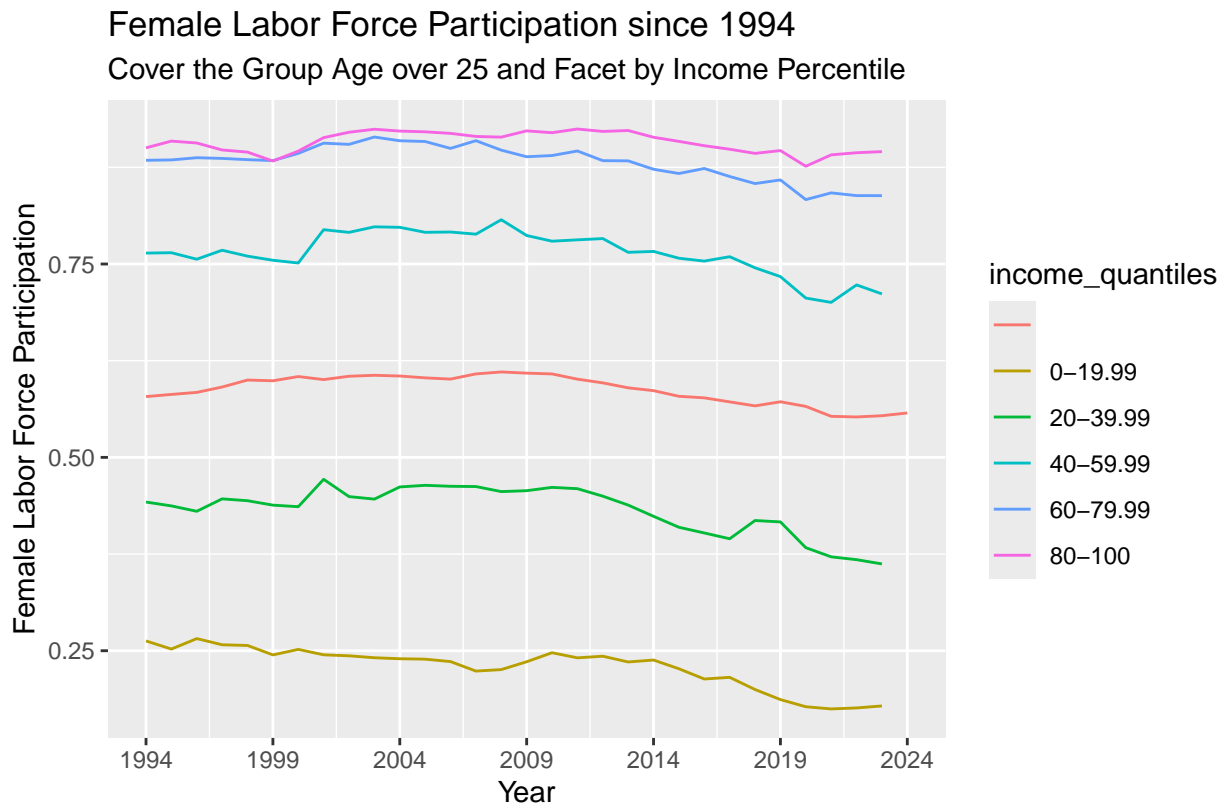


Figure 4. Data extracted from <https://cps.ipums.org/cps/>

### 3. Factors behind the changes

#### Wage and Salary Income Proportion of Total Income since 1994

Cover the Female Labor Force Age over 25

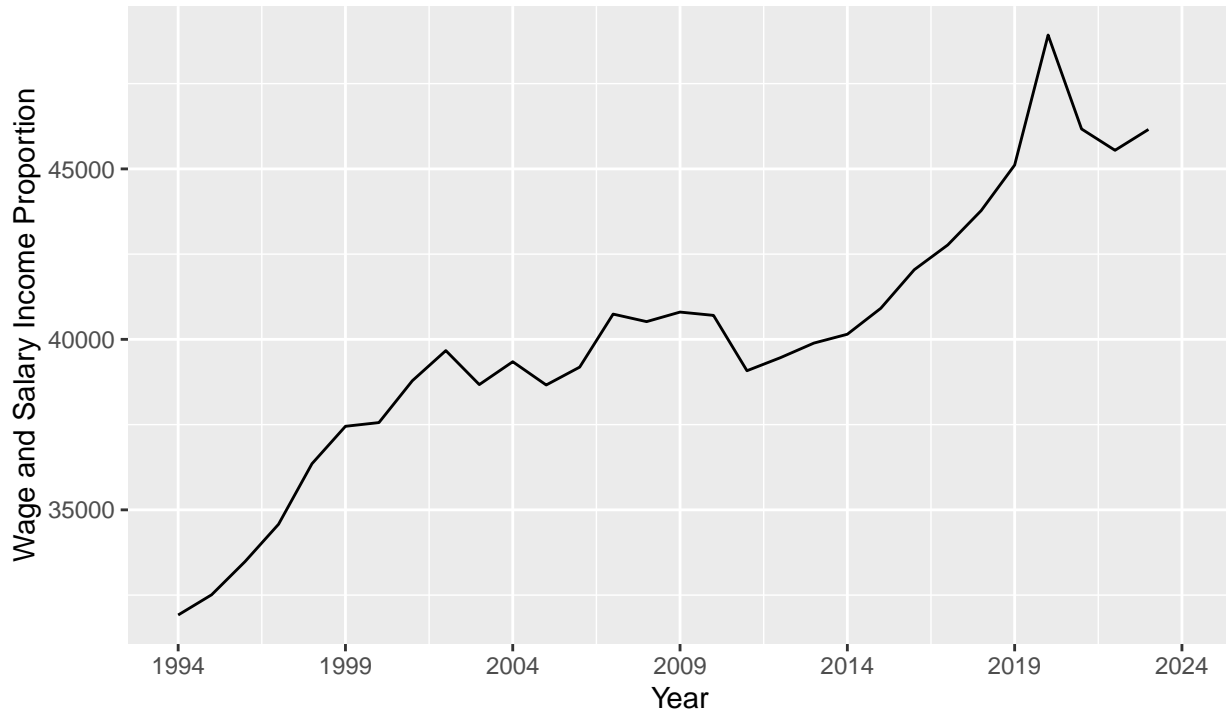


Figure 5. Data extracted from <https://cps.ipums.org/cps/>

## Social Insurance Income Proportion of Total Income since 1994

Cover the Female Labor Force Age over 25

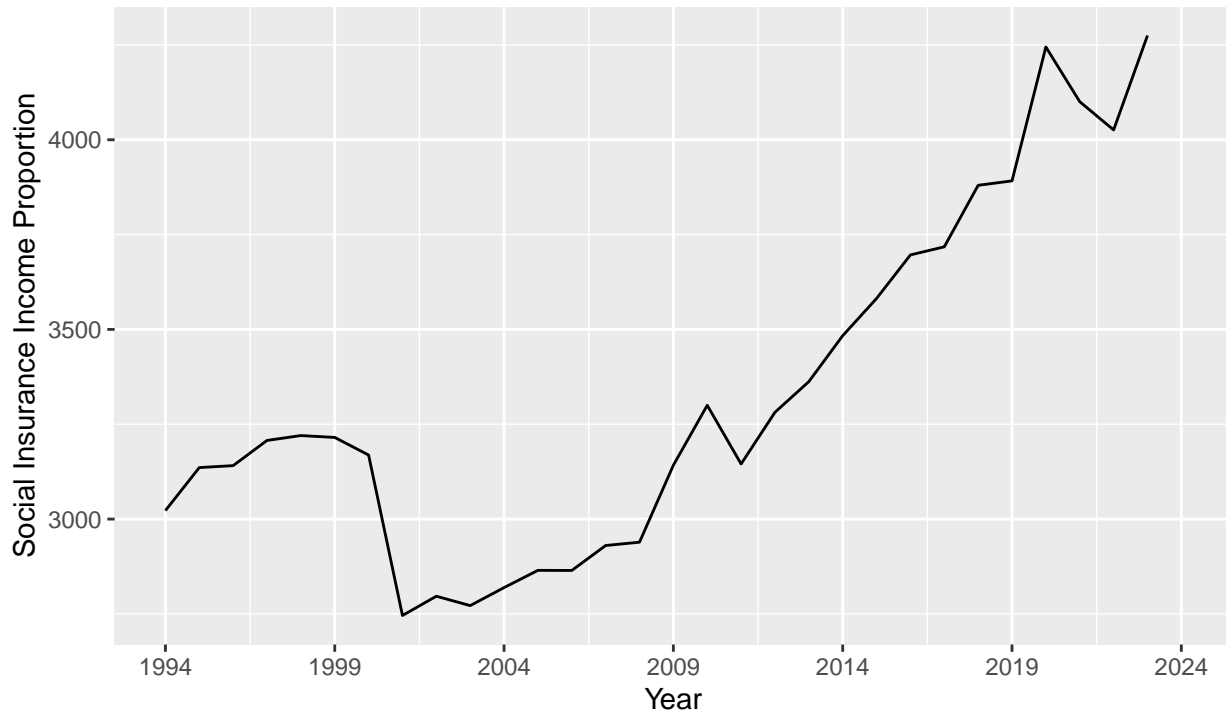


Figure 6. Data extracted from <https://cps.ipums.org/cps/>

## Social Insurance Income Proportion of Total Income since 1994

Cover the Female Labor Force Age over 25

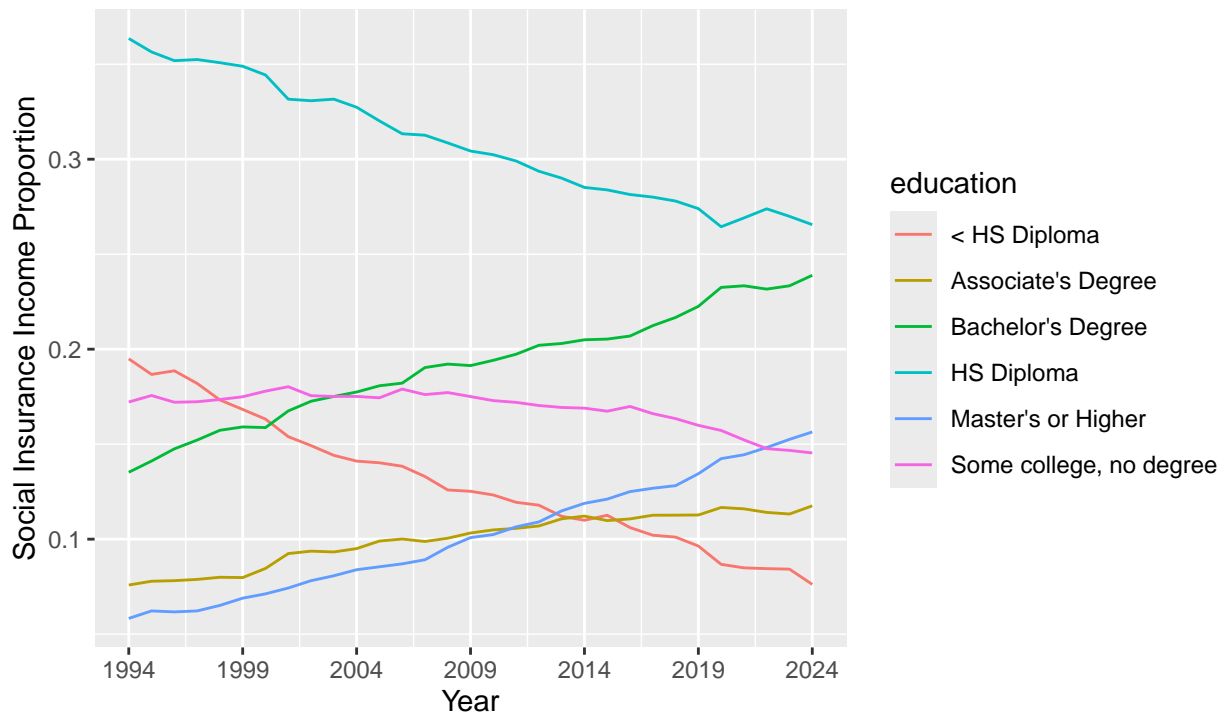


Figure 7. Data extracted from <https://cps.ipums.org/cps/>

#### 4. Is college education affect labor force participation?

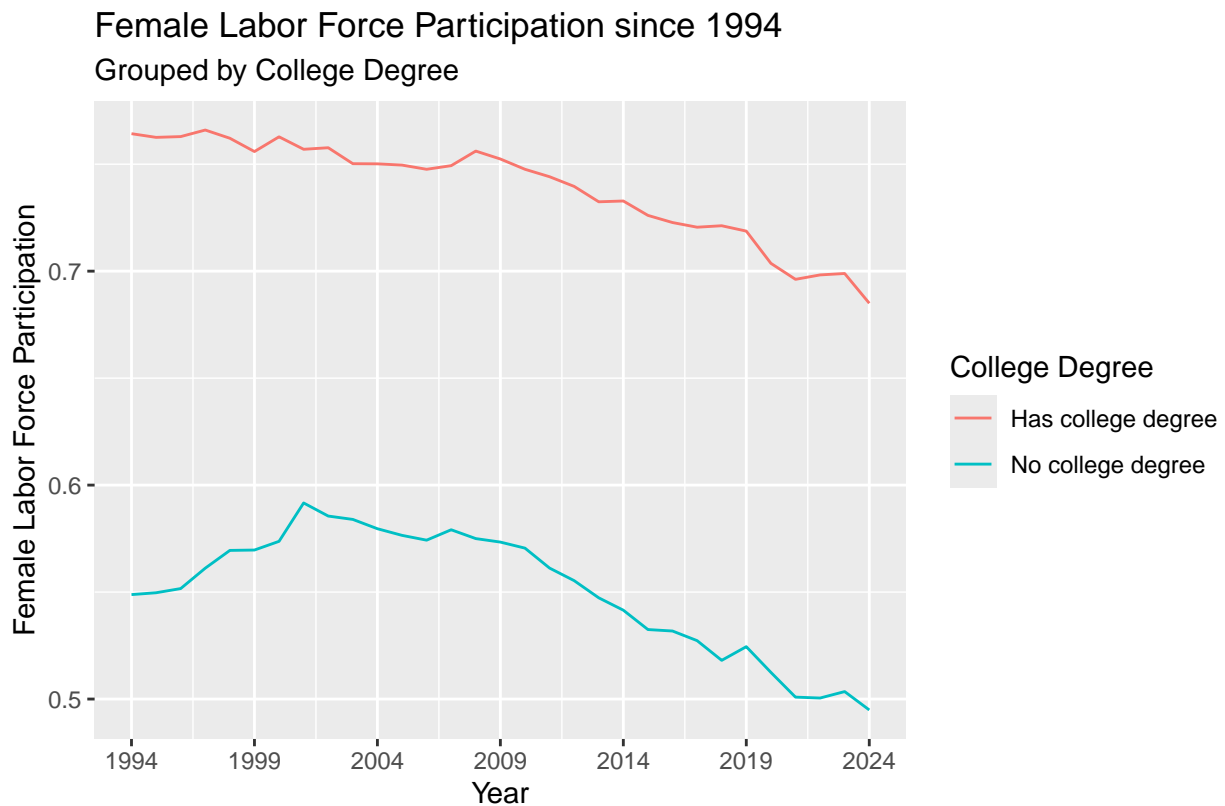


Figure 8. Data extracted from <https://cps.ipums.org/cps/>



## 5. Another perspective of labor force.

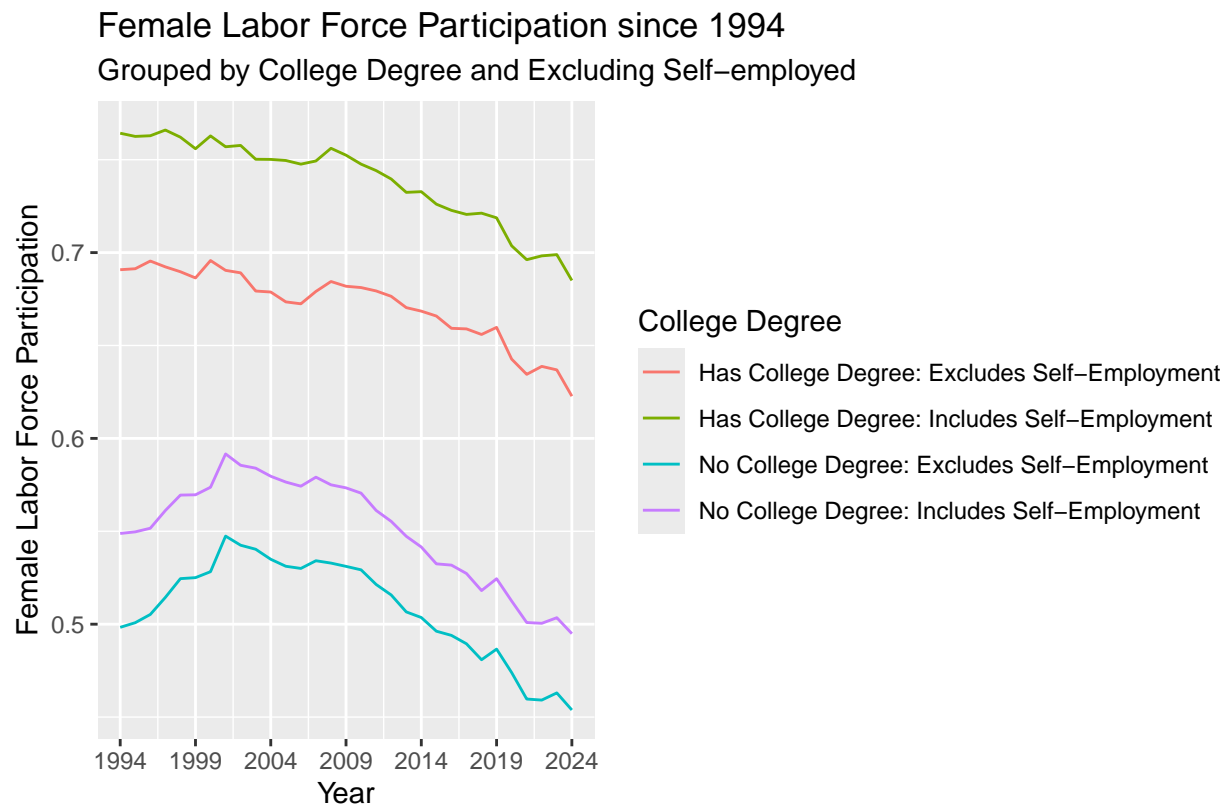


Figure 9. Data extracted from <https://cps.ipums.org/cps/>

## Part 2: Telework

### 1. Different changes between telework and not telework

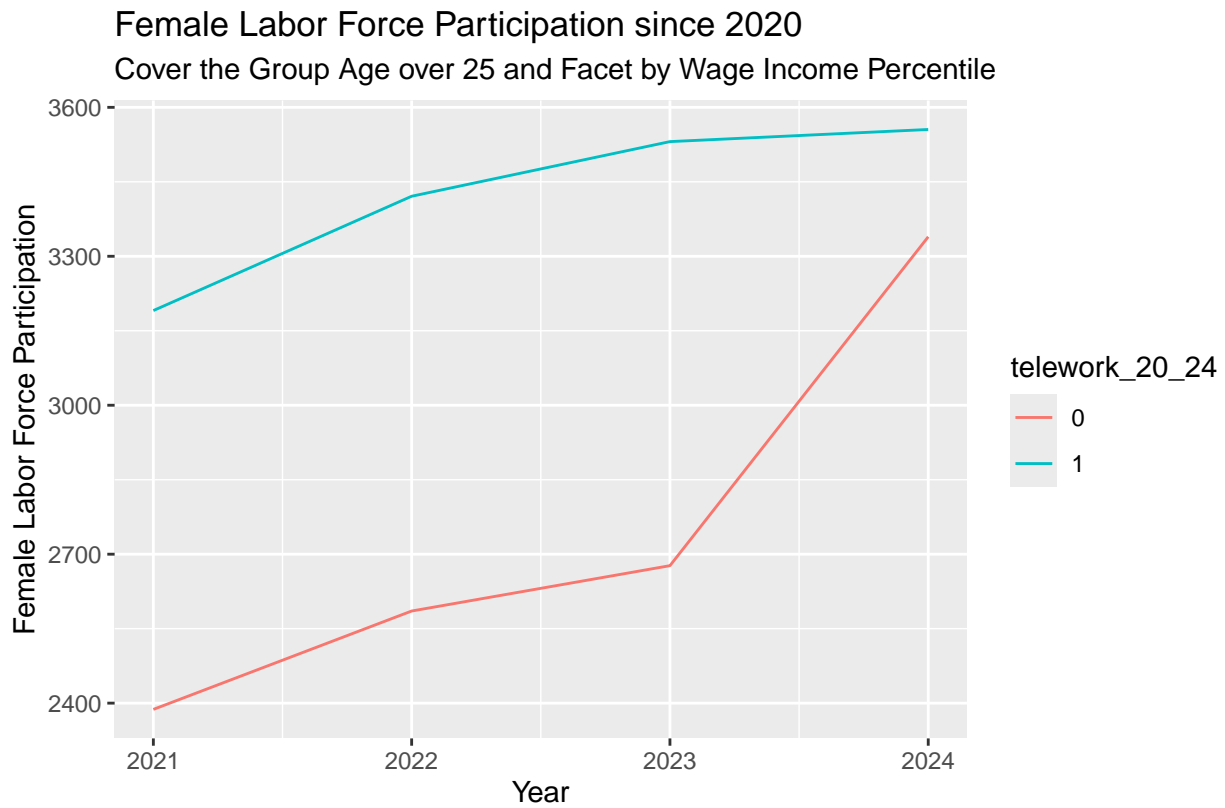


Figure 10. Data extracted from <https://cps.ipums.org/cps/>

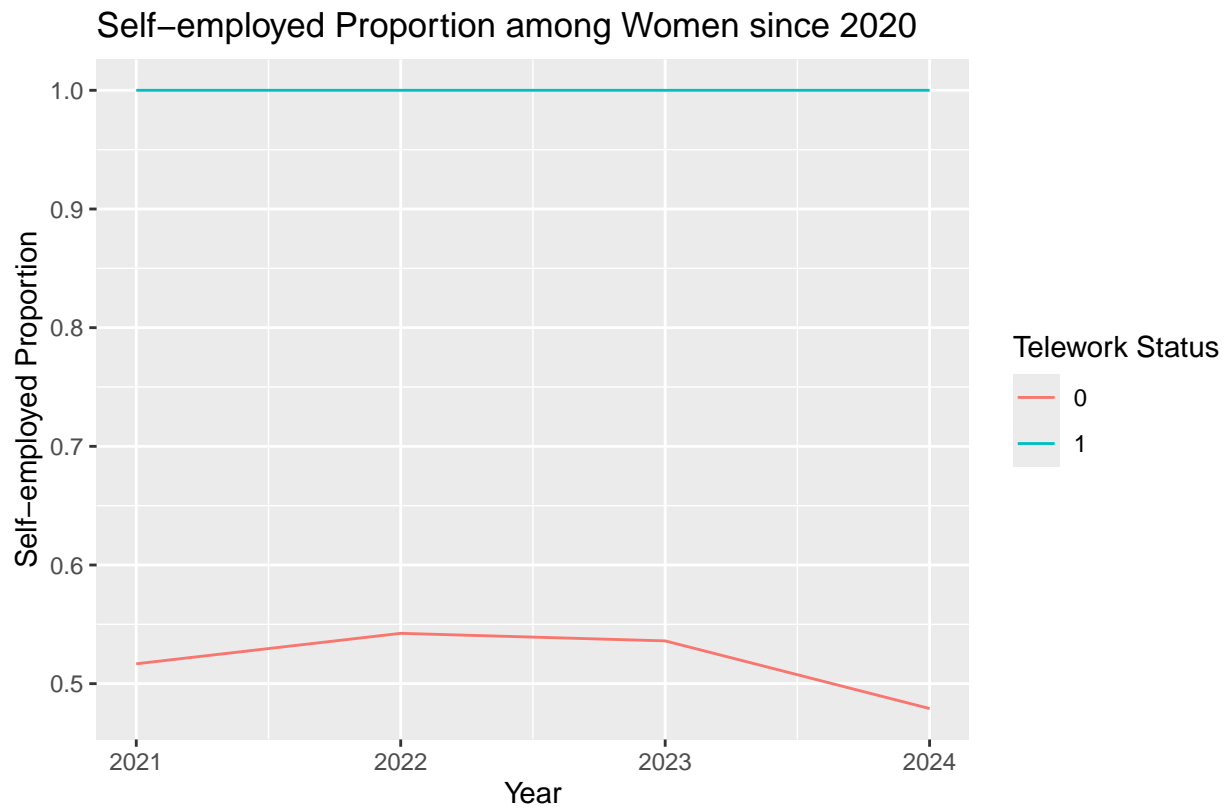


Figure 11. Data extracted from <https://cps.ipums.org/cps/>

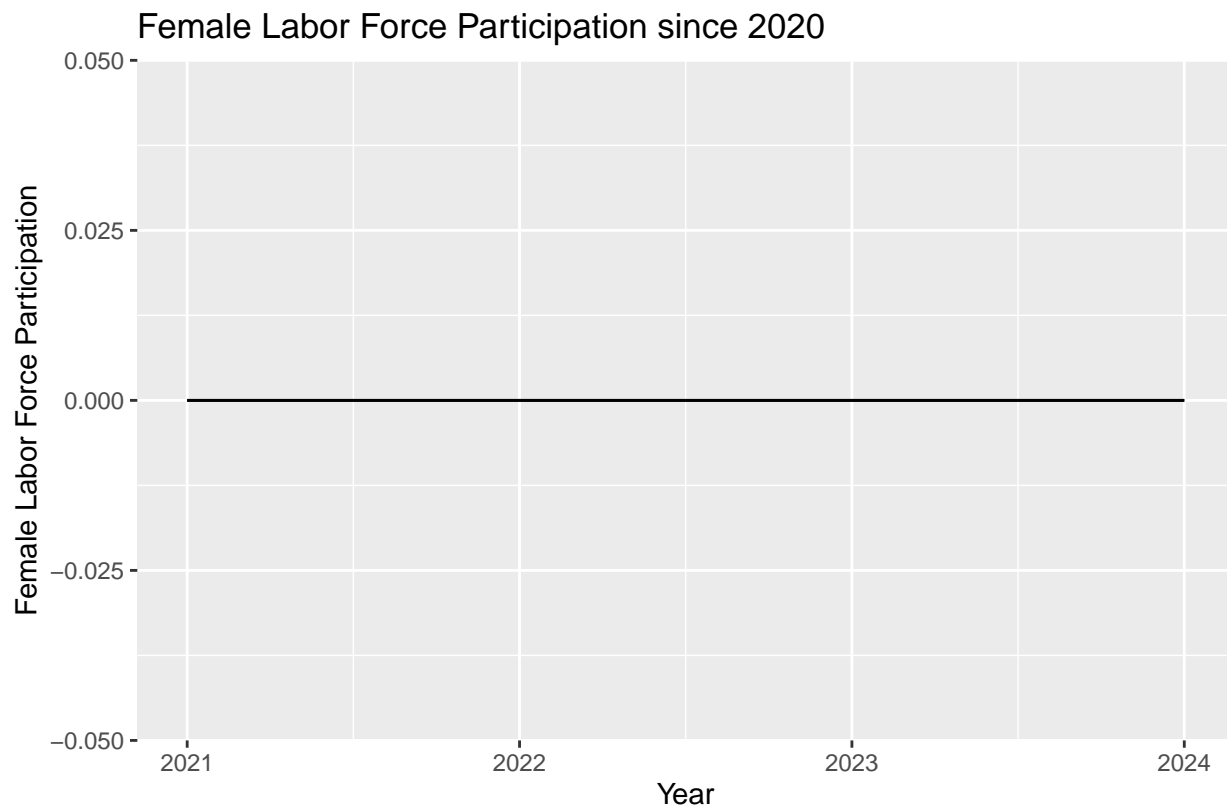


Figure 12. Data extracted from <https://cps.ipums.org/cps/>

## 2. Impact from pandemic in 2021

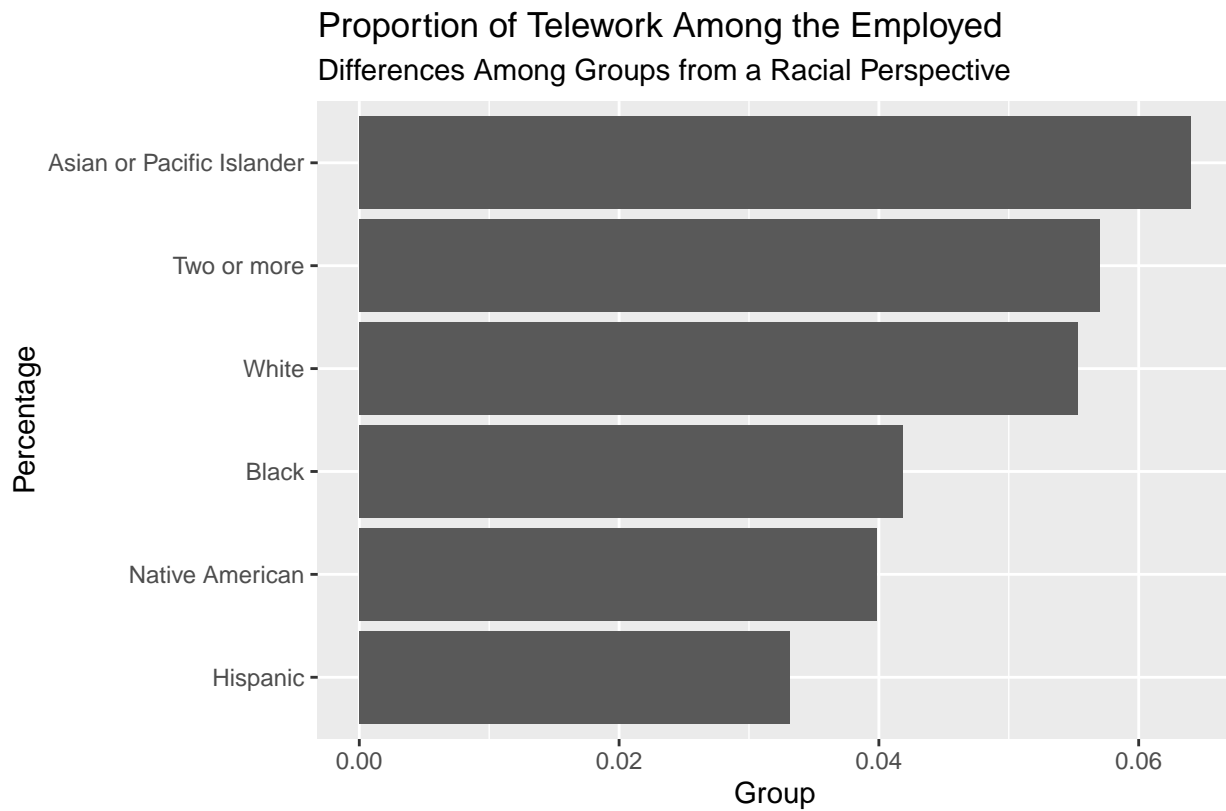


Figure 13. Data extracted from <https://cps.ipums.org/cps/>

### Proportion of Telework Among the Employed Differences Among Groups from a Age Perspective

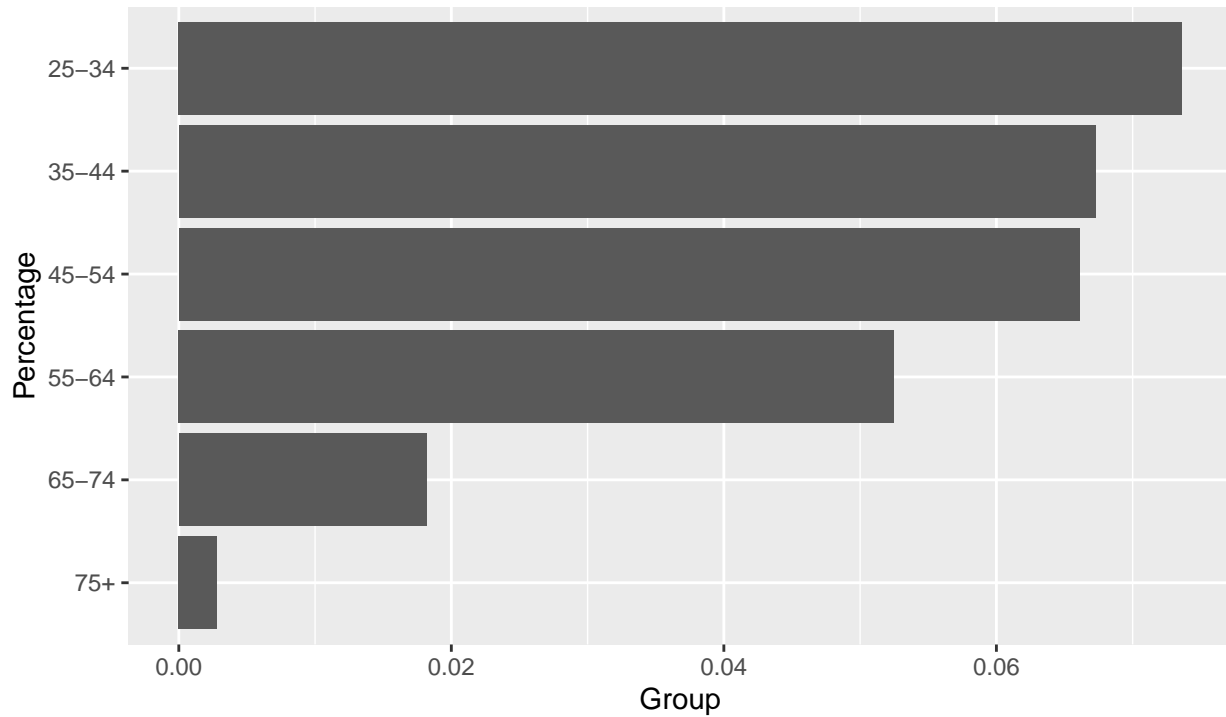


Figure 14. Data extracted from <https://cps.ipums.org/cps/>

### Proportion of Telework Among the Employed Differences Among Groups from a Education Perspective

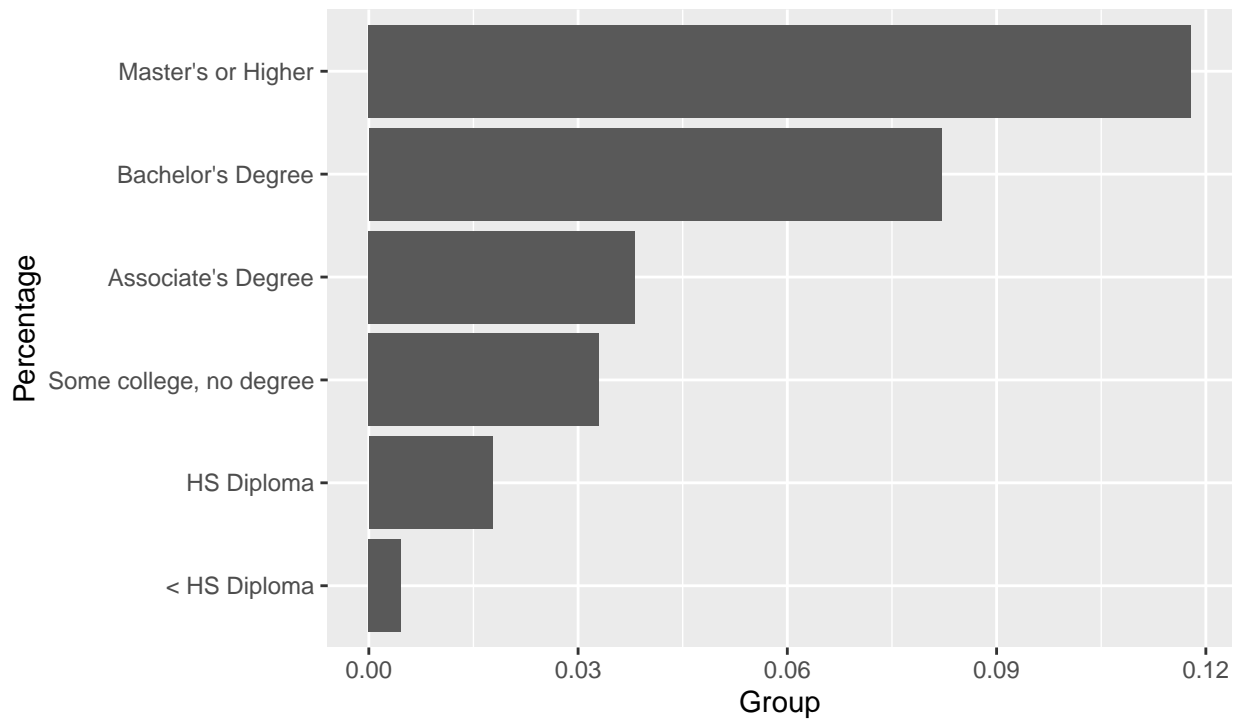


Figure 15. Data extracted from <https://cps.ipums.org/cps/>