

# CPS in Japan

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# Chapter 1

## Summary

- Use the Labor force survey, which is open-access and includes similar variables as the current population survey in U.S.



## Chapter 2

# Simple description: Long-run

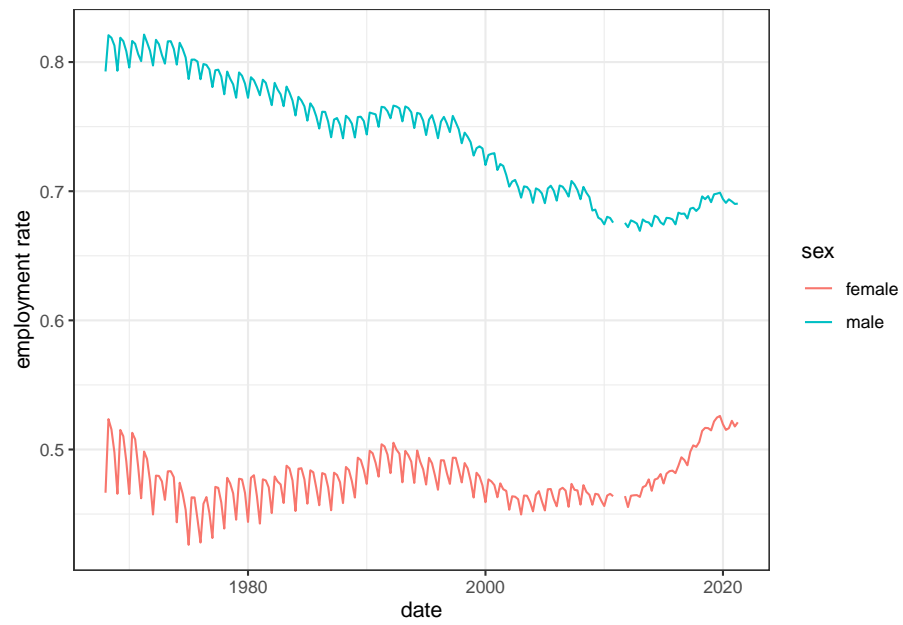
- Describe labor market after 1969.

### 2.1 Environment

### 2.2 Data

### 2.3 Employment rate

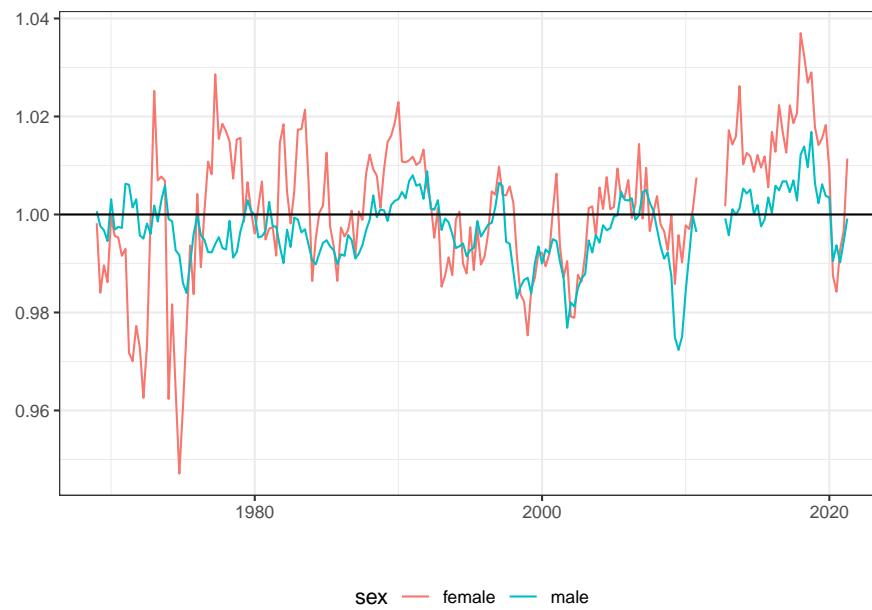
- Report  $e_{g,m,y} = \frac{Employment_{g,m,y}}{Population_{g,m,y}}$ , where  $Employment_{g,m,y}$  and  $Population_{g,m,y}$  are numbers of employment and population over 15 years old in month  $m$ , year  $y$  and gender group  $g$ , respectively.



## 2.4 Year-to-year difference

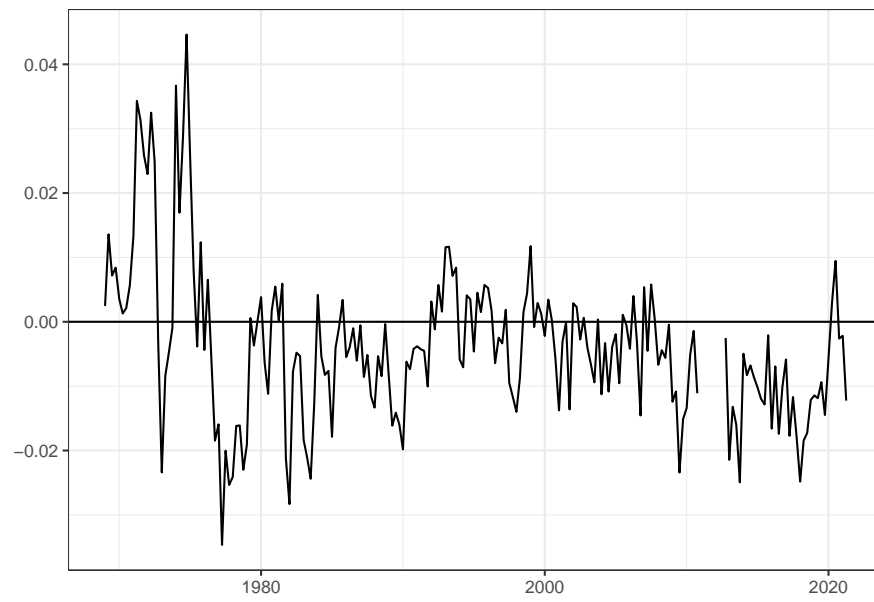
- Report change of employment rate  $\tilde{e}_{g,m,y} = e_{g,m,y}/e_{g,m,y-1}$





## 2.5 Gender gap

- Report change of employment rate  $\tilde{e}_{male,m,y} - \tilde{e}_{female,m,y}$



## Chapter 3

# Simple description: Short run

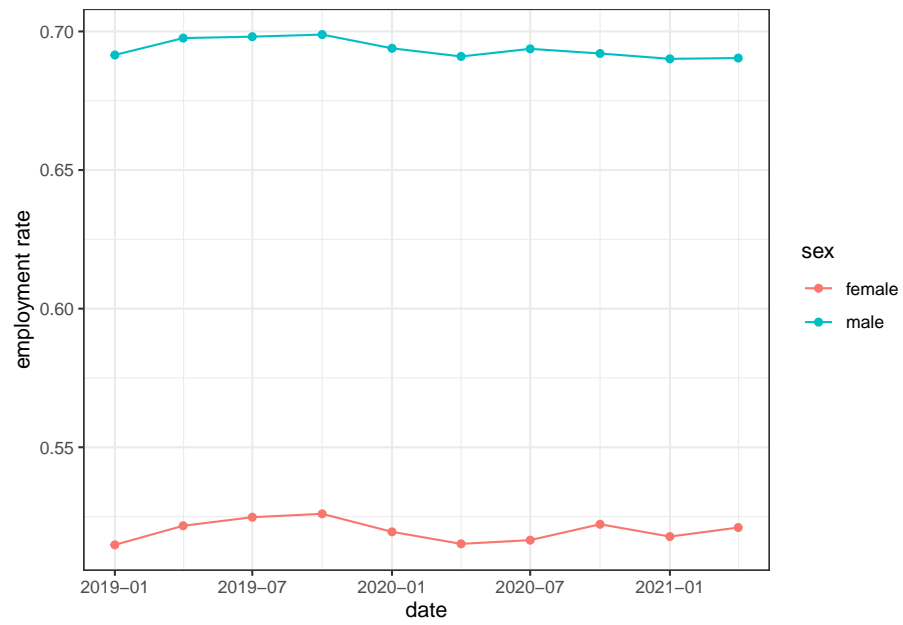
- Describe labor market after 2019.

### 3.1 Environment

### 3.2 Data

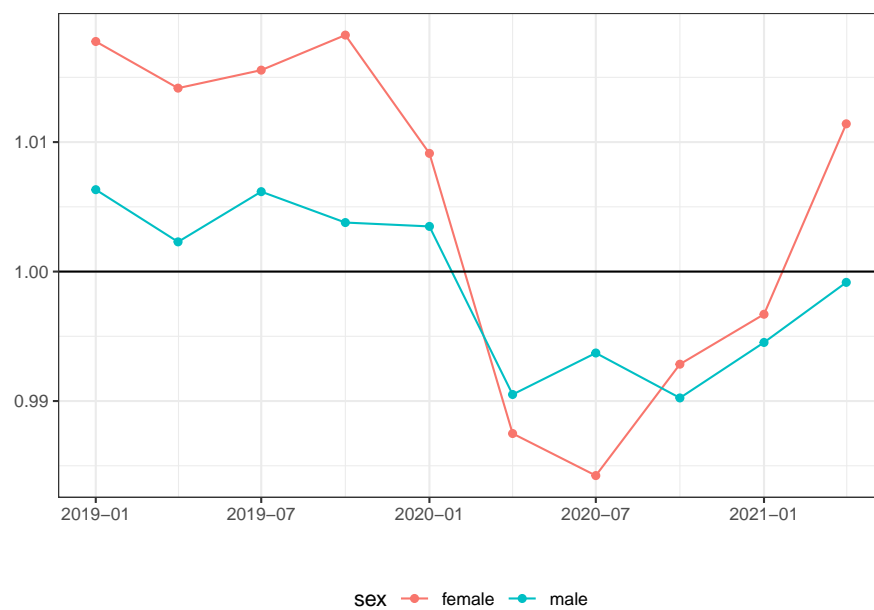
### 3.3 Employment rate

- Report  $e_{g,m,y} = \frac{Employment_{g,m,y}}{Population_{g,m,y}}$ , where  $Employment_{g,m,y}$  and  $Population_{g,m,y}$  are numbers of employment and population over 15 years old in month  $m$ , year  $y$  and gender group  $g$ , respectively.



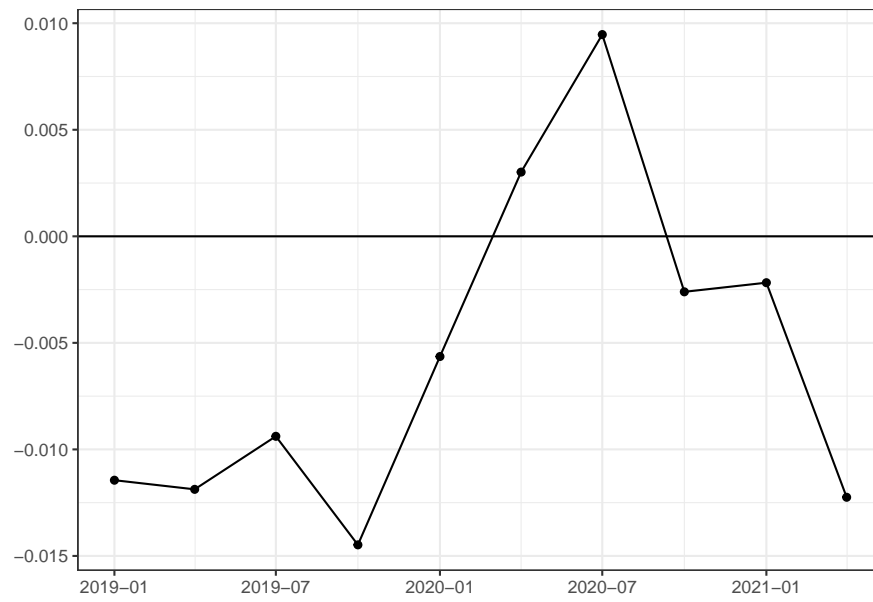
### 3.4 Year-to-year difference

- Report change of employment rate  $\tilde{e}_{g,m,y} = e_{g,m,y}/e_{g,m,y-1}$



### 3.5 Gender gap

- Report change of employment rate  $\tilde{e}_{male,m,y} - \tilde{e}_{female,m,y}$



## Chapter 4

# Detail

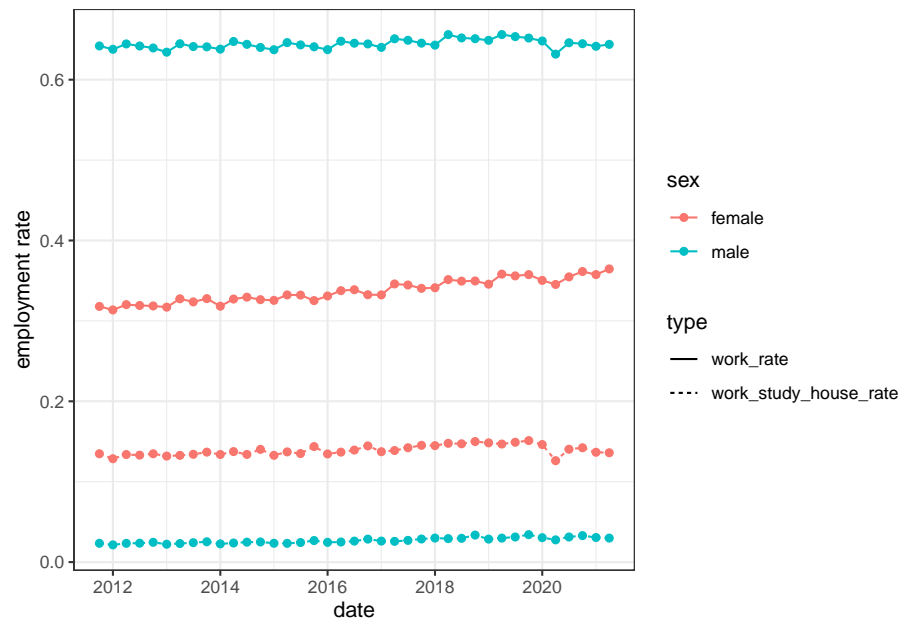
- Describe labor market after 2011.
- Report rates of workers who are employed primarily or partly.

### 4.1 Environment

### 4.2 Data status

### 4.3 Employment rate

- Report  $e_{g,m,y} = \frac{Employment_{g,m,y}}{Population_{g,m,y}}$ , where  $Employment_{g,m,y}$  and  $Population_{g,m,y}$  are numbers of employment and population over 15 years old in month  $m$ , year  $y$  and gender group  $g$ , respectively.



## 4.4 Year-to-year difference

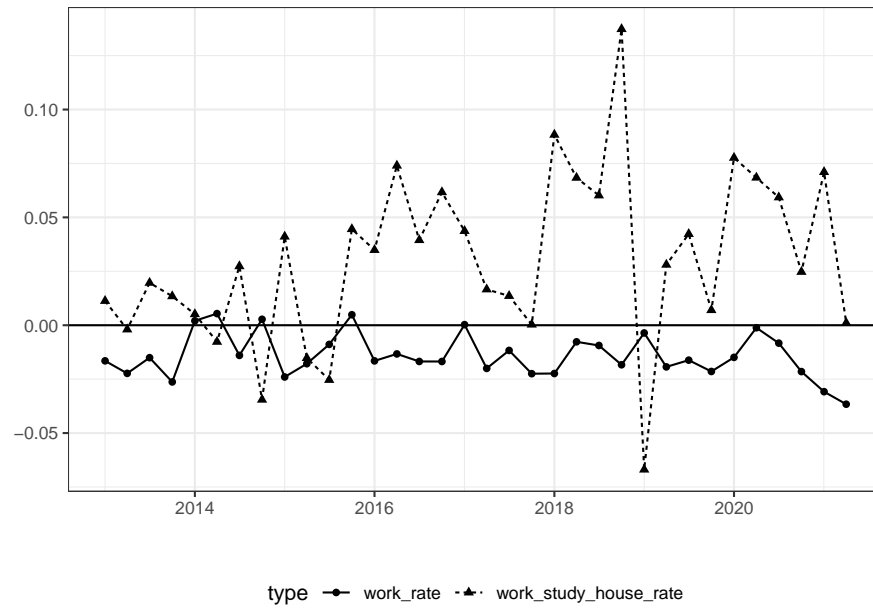
- Report change of employment rate  $\tilde{e}_{g,m,y} = e_{g,m,y}/e_{g,m,y-1}$





## 4.5 Gender gap

- Report change of employment rate  $\tilde{e}_{male,m,y} - \tilde{e}_{female,m,y}$



## Chapter 5

# Working hour

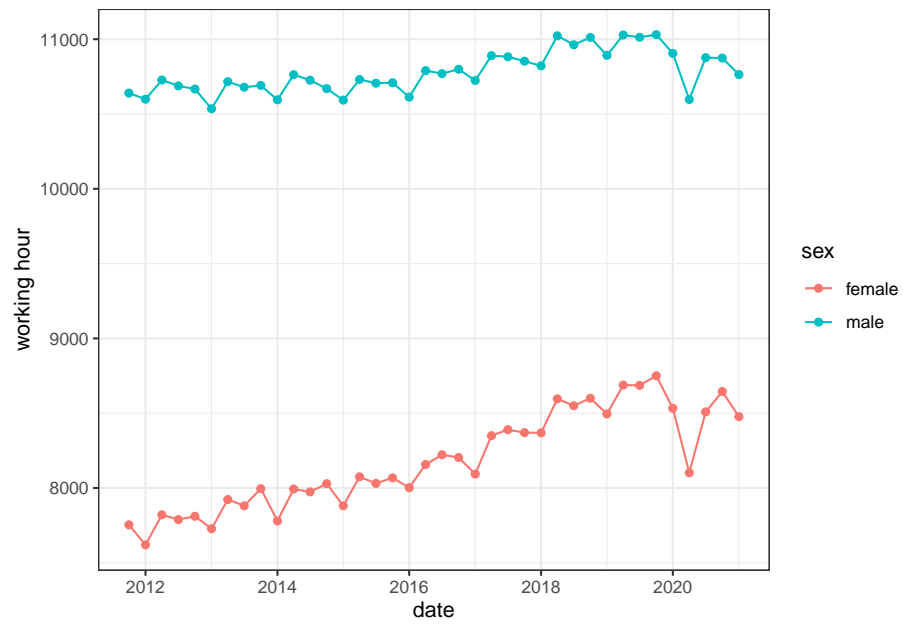
- Describe labor market after 2011.
- Report working hours.

### 5.1 Environment

### 5.2 Data status

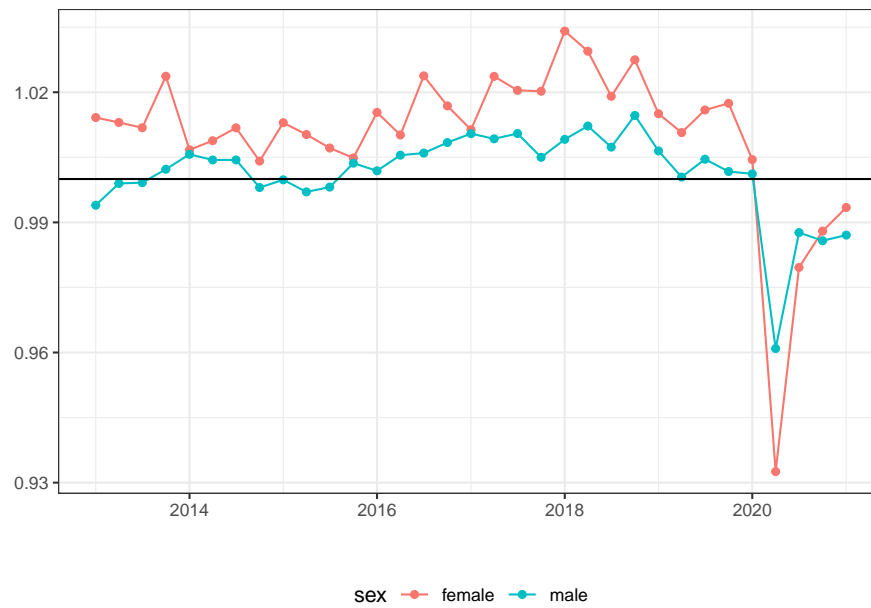
### 5.3 Working hour

- Report  $e_{g,m,y} = hour_{g,m,y}$ , where  $hour_{g,m,y}$  is working hours.



## 5.4 Year-to-year difference

- Report change  $\tilde{e}_{g,m,y} = e_{g,m,y}/e_{g,m,y-1}$



## 5.5 Gender gap

- $\tilde{e}_{male,m,y} - \tilde{e}_{female,m,y}$

