

Gender-Related Employment Differences in OECD Countries

In the previous data visualization, we have been focusing on the data from US about the employment status for men and women. From now on, we would look at the data from OECD to find out the employment situation between different genders in the OECD countries, to better understand the gender-related inequality in employment from a more global perspective, and also comparing with the situation in the US.

1. OECD countries' Women's Unemployment Rate Distribution within the Recent 10 Years

Firstly, I intended to build a general impression of the unemployment rate for women in all the OECD countries within the recent ten years, which is 2014-2023. We would have a look at the overall unemployment rate for women across all the OECD countries and how they vary over time. Therefore, a ridgeline figure would be used for this data visualization. The x-axis would be the unemployment rate, and the y-axis would be the year. From the horizontal perspective, each line would tell the reader the distribution of women's unemployment rate for women within that year, which could show where most of the countries' unemployment rate local, what is the range for the women's unemployment rate in OECD countries, and whether the women unemployment rate is very different for different countries or they are quite similar to each other. From the vertical perspective, different lines indicate different years, which could tell the readers how the situation for women's unemployment has been changing overtime, from 2014 to 2023. We would also like to compare the OECD's women's unemployment rate with that in the United States, so a vertical line would be drawn in the graph to show the unemployment rate for women in the US in 2023.