Case: Laborforce

Story

This dataset contains the labor force participation rate (LFPR) of women in 19 cities in the United States in each of two years (1968 and 1972). The data help to measure the growing presence of women in the labor force over this period.

Variables

variable name	description
city	City in the US
1972	Labor Force Participation rate of women in 1972
1968	Labor Force Participation rate of women in 1968

Exercise

1. Compare LFPR rates in the two years with a pooled t-test since the United States did not change much from 1968 to 1972

2. Compare LFPR rates in the two years with a paired t-test

3. Which of the two methods you have used do you find most appropriate?

4. If you have found a significant change - how big is this change then?

5. Save the results of your analysis in a text document (e.g. latex, word or star-office)

Hints