

Applied Longitudinal Data Analysis Fun Exercise 5

5.1.

Delete persons who have participated only once in the panel.

ID	YEAR	SATIS	EMP
1	1984	5	0
2	1984	6	0
2	1985	8	1
3	1984	1	0
3	1985	2	0
4	1984	2	0
4	1985	3	0
5	1987	1	1

5.2.

The Table below gives the result of a survey. SATIS measures life satisfaction. EMP is a binary variable for employment status (0: Employed; 1: Not employed).

How large is the mean life satisfaction of the not employed?

How large is the mean life satisfaction of the employed?

How large is the difference?

ID	YEAR	SATIS	EMP
1	1984	5	0
1	1985	6	1
2	1984	6	0
2	1985	8	1
3	1984	1	0
3	1985	2	0
4	1984	2	0
4	1985	3	0

Check: Insert the data into R and run an OLS-regression!

Use the data from 5.2, but study the individual change.

- How large is the difference?

Check: Insert the data into R and run a DiD-regression!