

ECON7103HW8

Sedat Ors

Spring 2023

1 Stata

1.) See Figure 1
2.) The average treatment effect is -.0619874 and its robust standard error is .0036695
3.) See Figure 2
4.) See Figure 3
5.
 - a) See Figure 4
 - b) See Figure 5
 - c) See Figure 7
 - d) See Figure 8

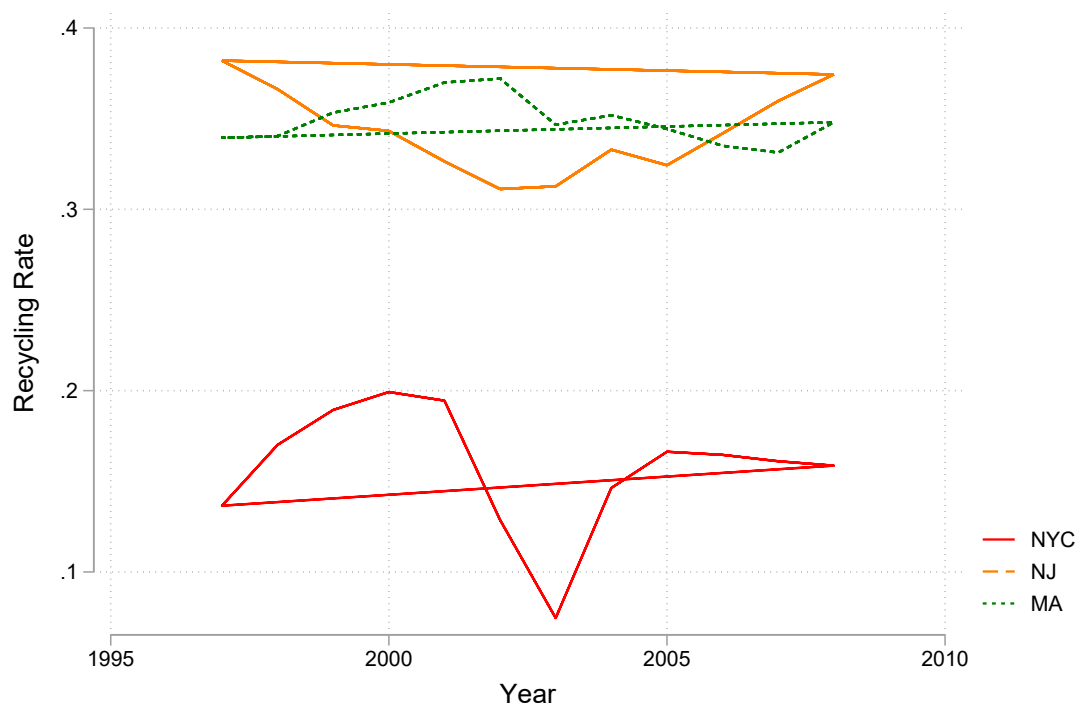


Figure 1: A yearly plot of the recycling rate for NYC and the controls

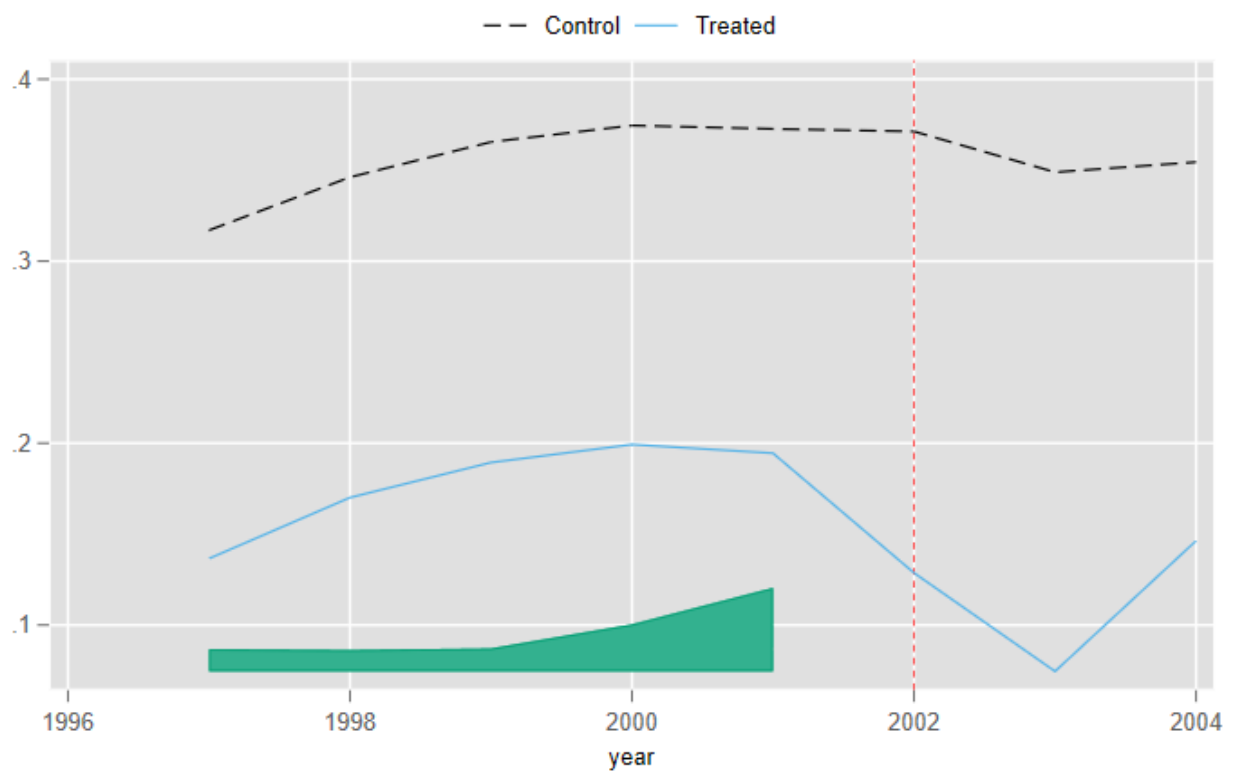


Figure 2: Synthetic DID

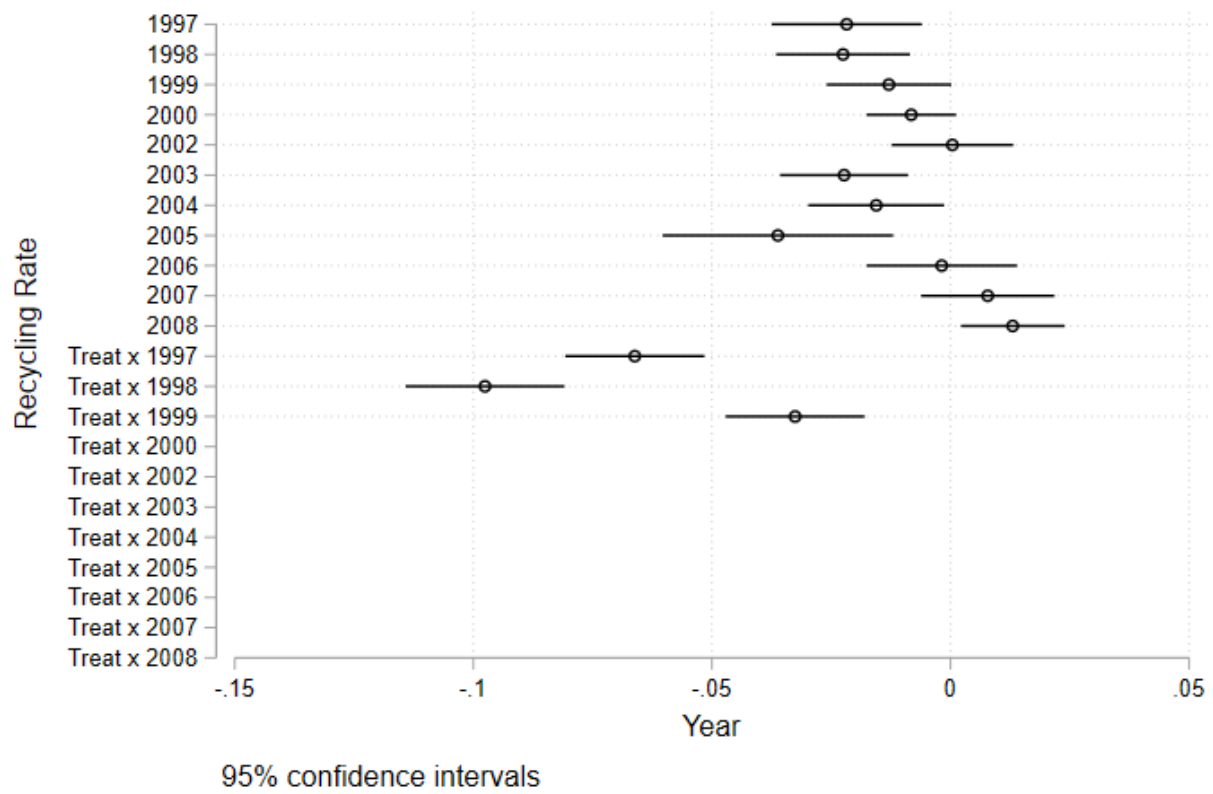


Figure 3: Event Study

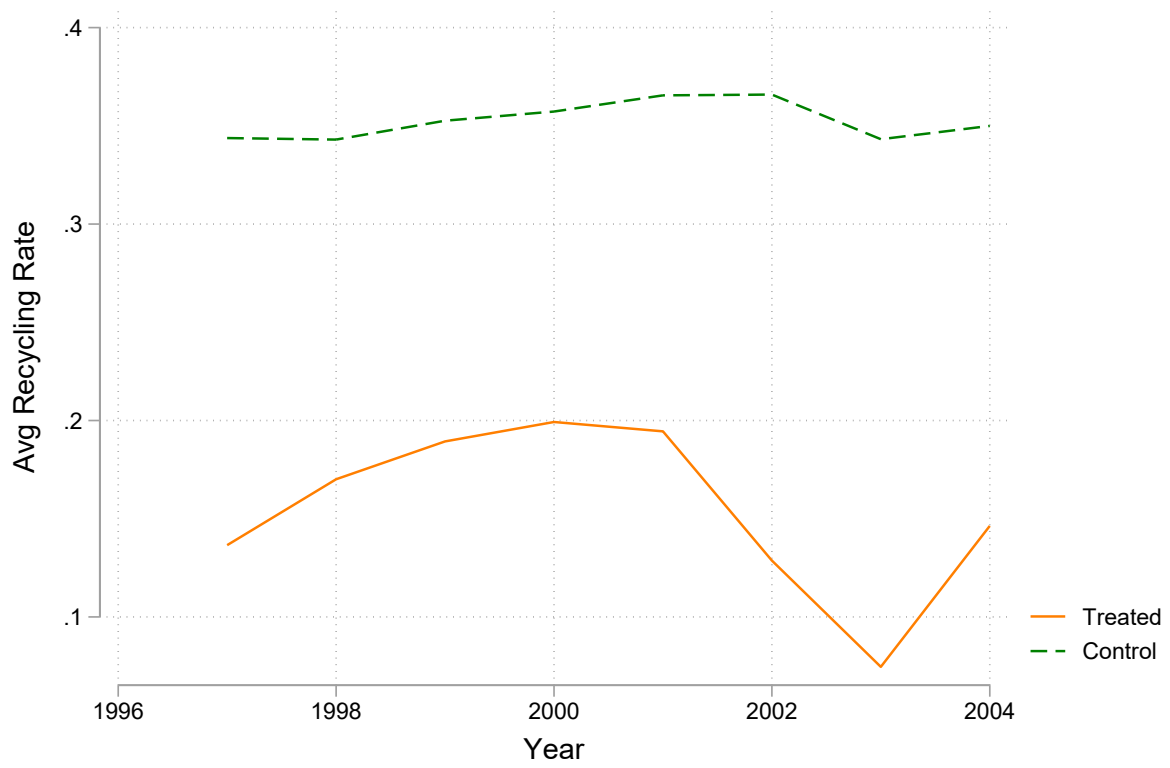


Figure 4: Raw outcomes for treated and control groups over time

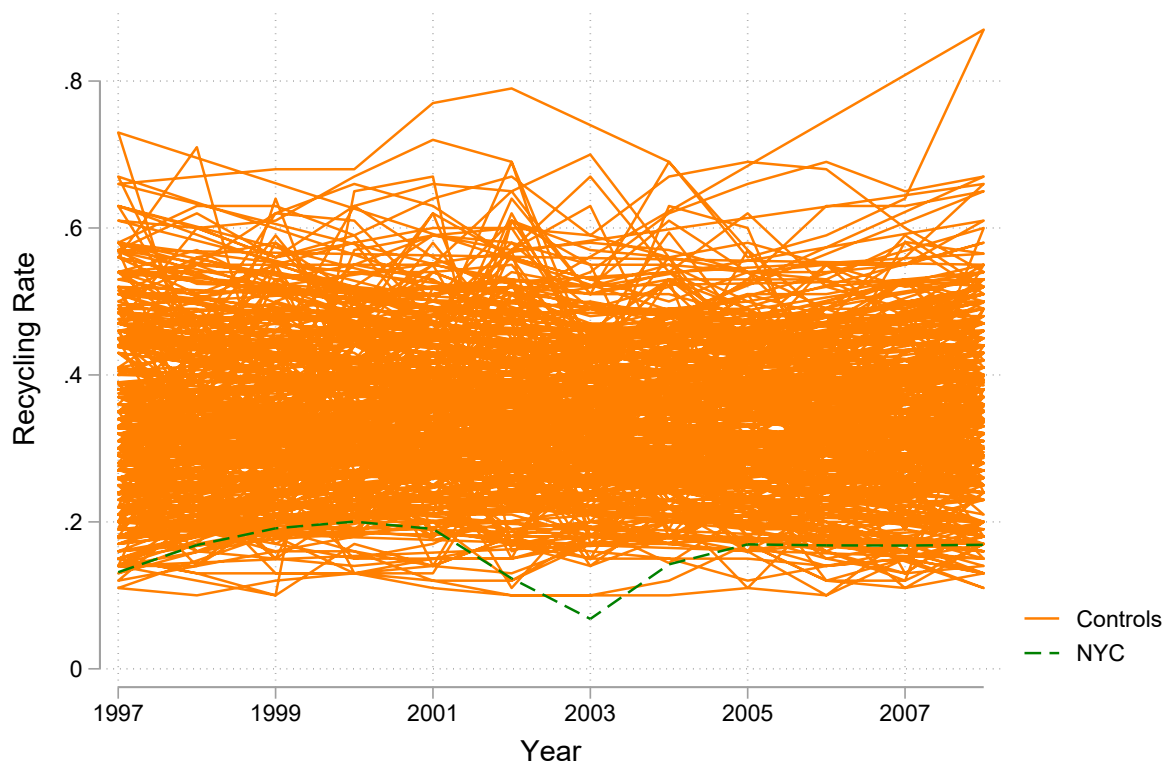


Figure 5: Raw outcomes for treated and control groups over time

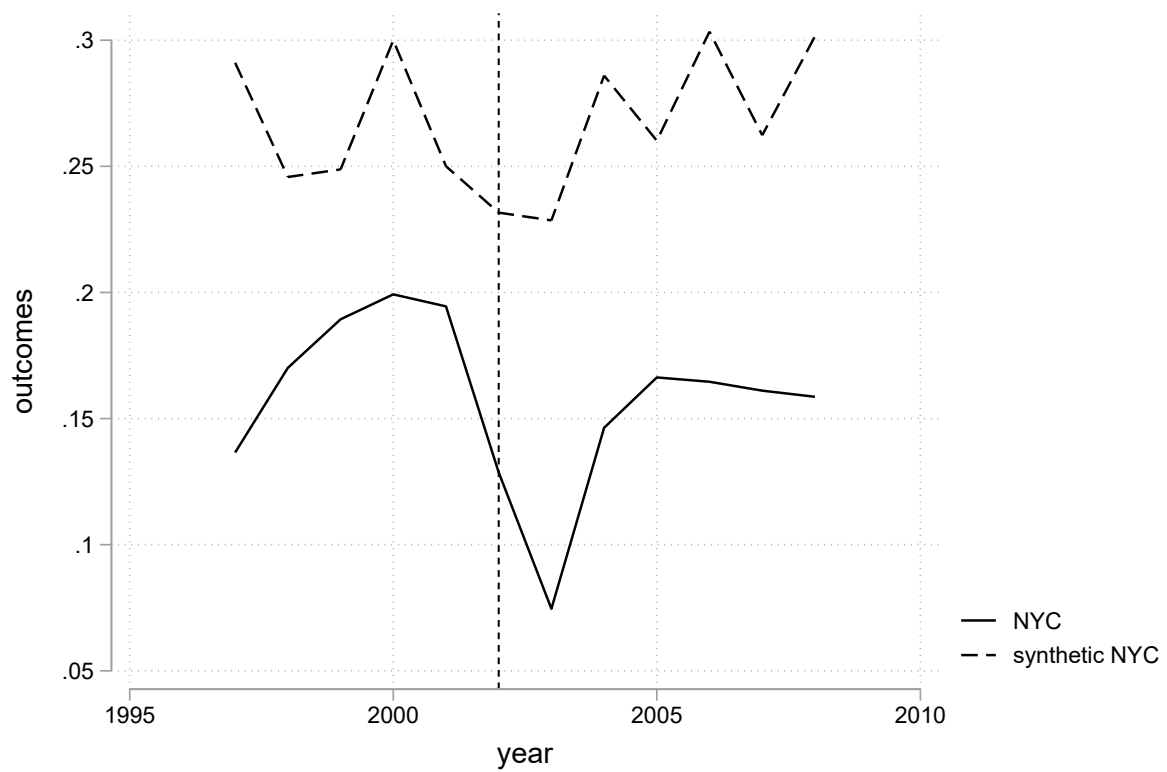


Figure 6: Raw outcomes for treated and control groups over time

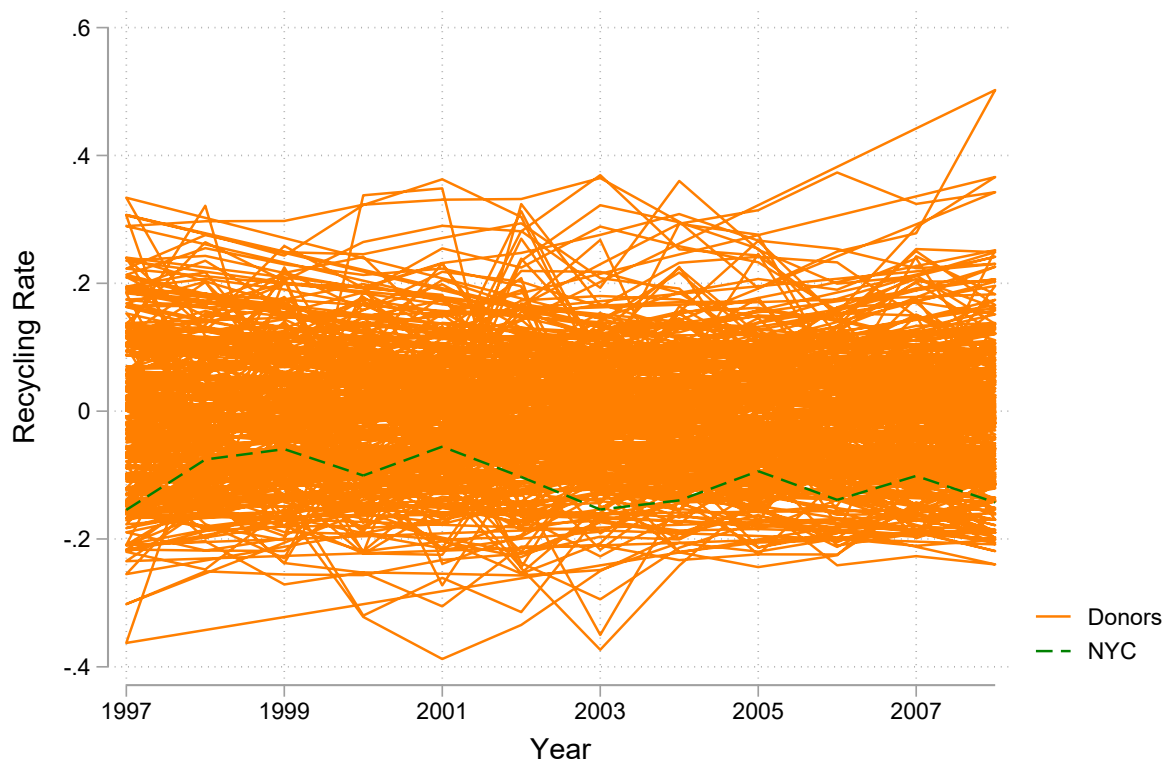


Figure 7: Estimated Synthetic controls effects

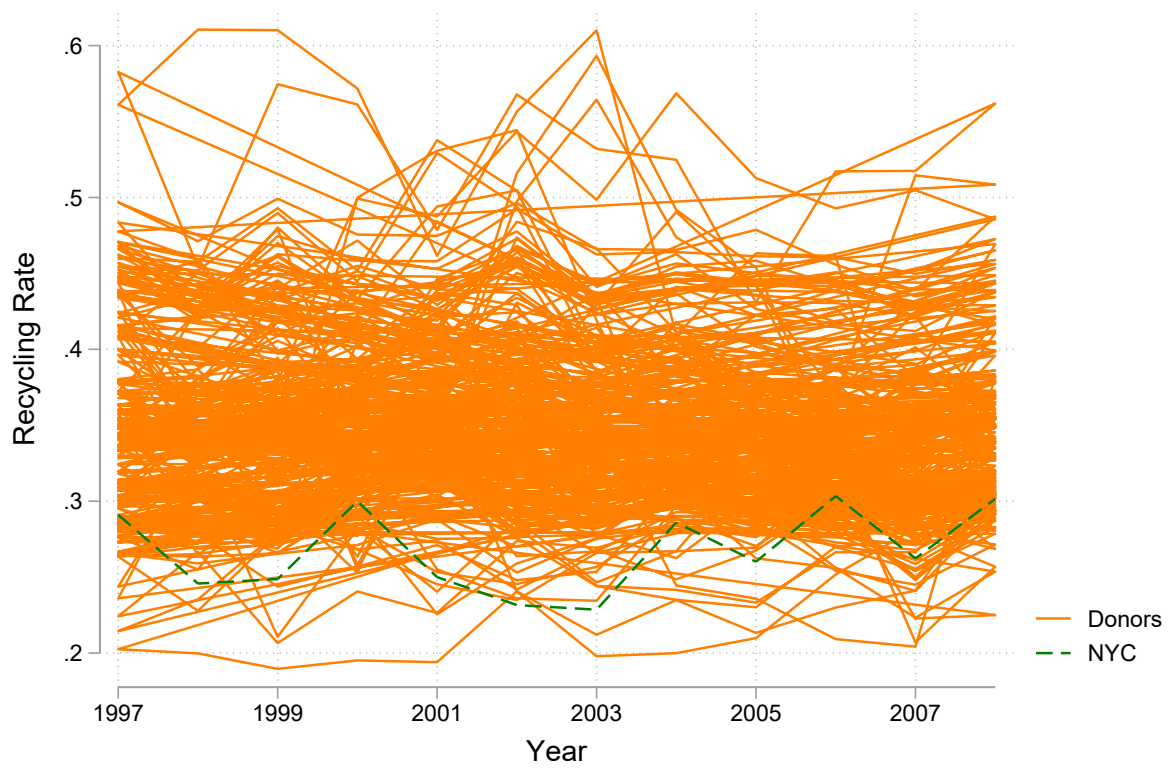


Figure 8: Final Synthetic controls estimates