

Homework 5

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17 April 2023

Question 1

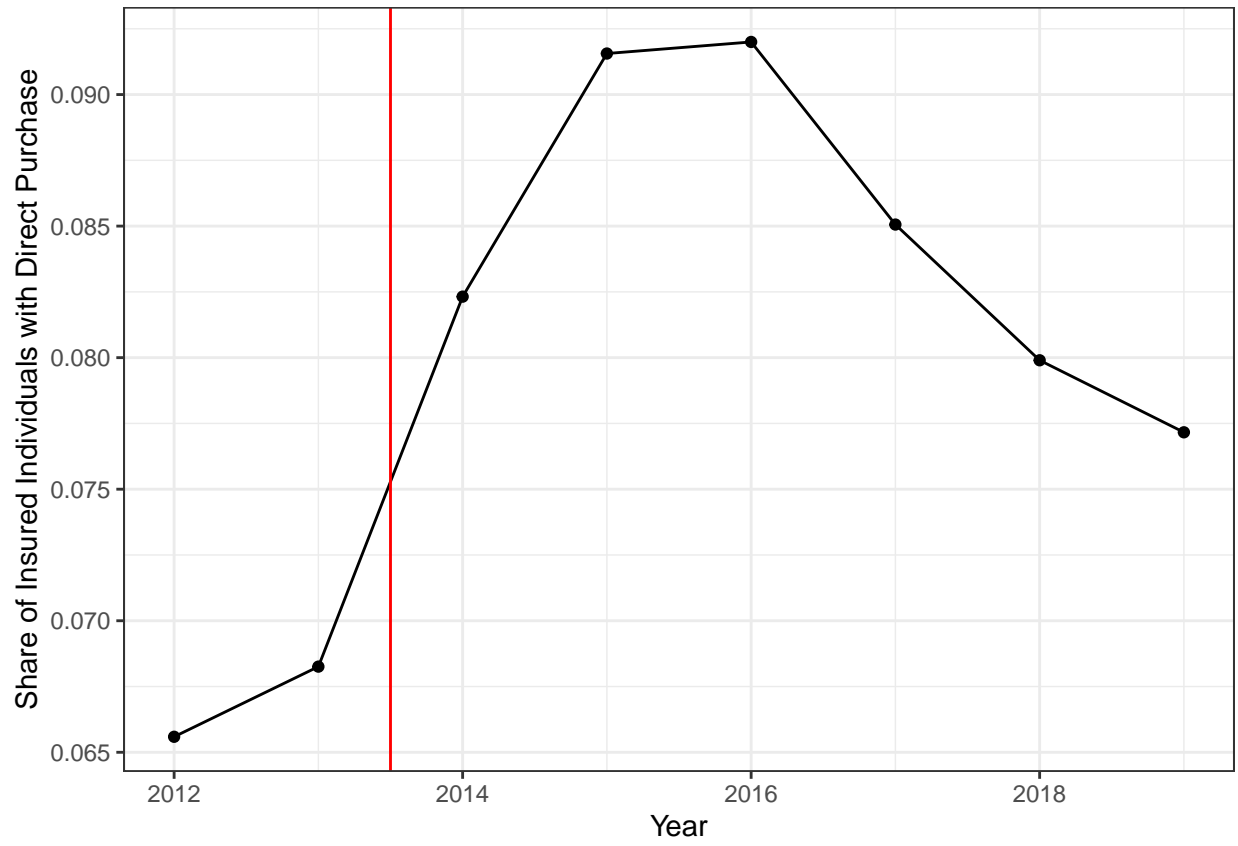


Figure 1: Share of the Adult Population with Direct Insurance Over Time

Question 2

The plot shows a reduction in the share of insured individuals with direct purchase insurance over time. This reduction could be due to the implementation of the Affordable Care Act, which allowed individuals to purchase insurance through state and federal exchanges. Additionally, the expansion of Medicaid, as individuals who were previously uninsured and eligible for Medicaid coverage may have transitioned to that program instead of purchasing private insurance.

Question 3

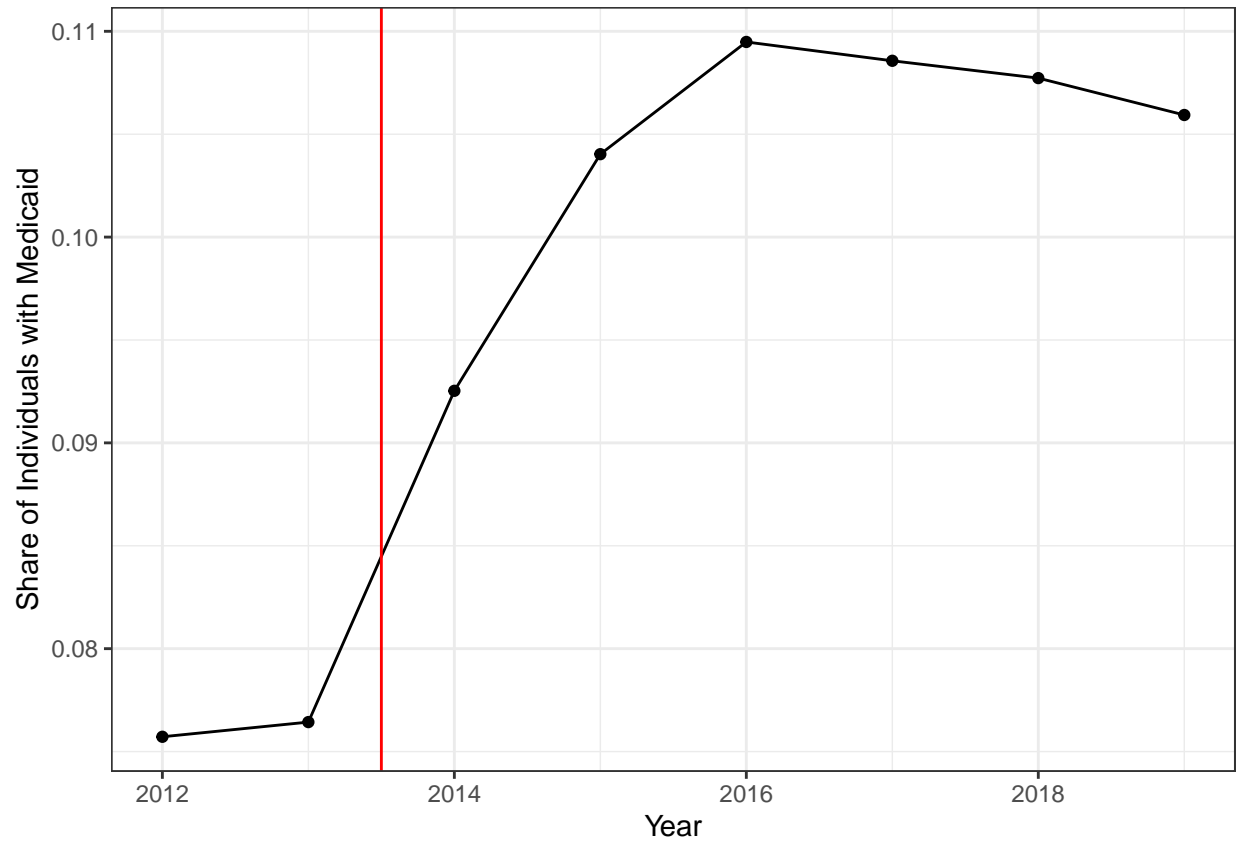


Figure 2: Share of Medicaid-Insured Individuals Over Time

Question 4

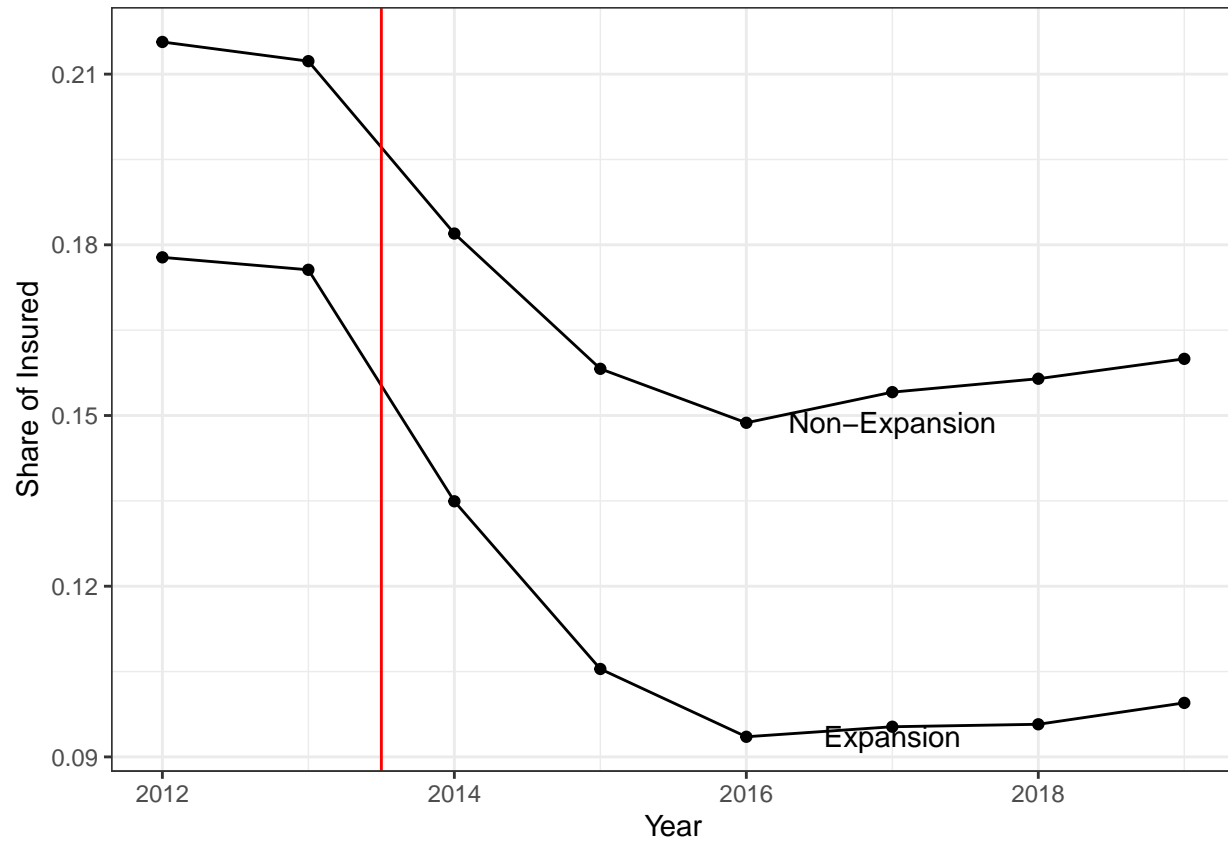


Figure 3: Share of Uninsured Over Time

Estimate ATEs Question 1

Group	2012	2015
Non-Expansion	0.2156531	0.1582075
Expansion	0.1777979	0.1054541

	(1)
(Intercept)	0.214 (0.007)
postTRUE	-0.054 (0.008)
expand__everTRUE	-0.043 (0.009)
treat	-0.020 (0.010)
Num.Obs.	344
R2	0.508
R2 Adj.	0.504
AIC	-1227.6
BIC	-1208.4
Log.Lik.	618.795
F	117.200
RMSE	0.04

Question 2

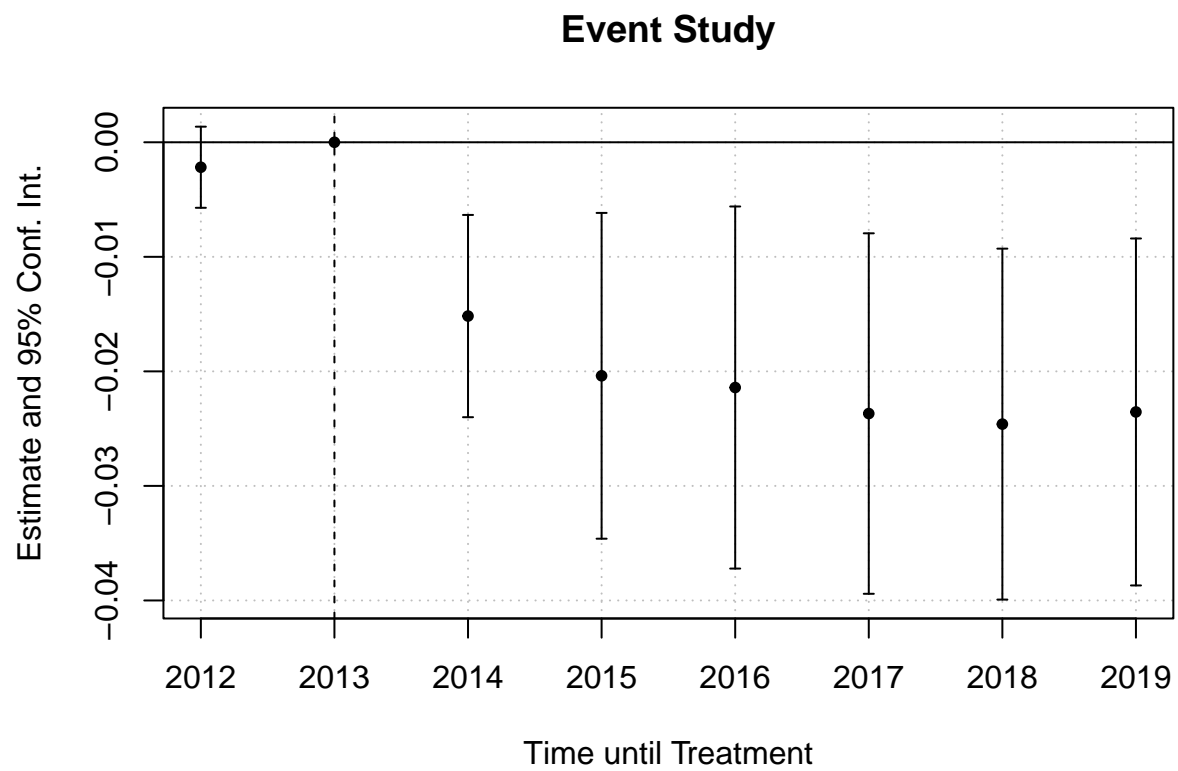
	(1)
treat	−0.020 (0.007)
Num.Obs.	344
R2	0.952
R2 Adj.	0.944
R2 Within	0.106
R2 Within Adj.	0.103
AIC	−1934.6
BIC	−1738.8
RMSE	0.01
Std.Errors	by: State
FE: State	X
FE: year	X

Question 3

	(1)
treat	-0.023 (0.005)
Num.Obs.	400
R2	0.950
R2 Adj.	0.942
R2 Within	0.155
R2 Within Adj.	0.153
AIC	-2253.6
BIC	-2022.1
RMSE	0.01
Std.Errors	by: State
FE: State	X
FE: year	X

Question 4

The results do not vary widely between questions (treat estimate of -0.020 and -0.023, respectively) . When including the states that expanded after 2014, the analysis now includes some states may have expanded Medicaid in response to the ACA, and states that may have implemented the expansion more slowly than others.



Question 6

