( 7 ithUb; https://github.com/Z acron-chance 1/ Assignment-5-TWFE-DID

ASSIGNMENT 5

1. Dope. The table can be found under the Data Subdiffectory and is

called hw5-ex1:

Can-6 1/103-0-2								
Unit	Time	Y	D	Meany	Mean D	D6 years 1	Dt meanes D	
		60	1	46.55	0.5	13.45	0.5	
(	2	35	0	,		-11.55	-0.5	
2		10	\ 1		ALCOHOL:	-36.65	0.5	
2	2	156	) (G		and the second s	109,45	-O.h	
3		13	3 (		ALVERT HE STATE OF THE STATE OF	-33.55	-0,5	
3	12	6	5.5		A PROPERTY OF THE PROPERTY OF	18.95	0.5	
4	H. H	-	0	0 \		-36.55	-0.5	
Ч	2		20			-76.55	0.5	
5	\		35	0		-11,55	-0.5	
` 5	1 2		61.			14.45	0.5	

- 2. The Creffictory Sis -15-50 With a standard encrot 32.85
- 3. The Coefficient & is-1500 With ast and ord eller of 27.31.

It iske some Coeffictings 2 with a smatter standard effor Thistens me that runion reoression with tement uniones and a fixed effect for time is numerically early variety regasting the

non-teme on es voirobles as controlling for Unitons time fixes effects.

(see Talks/TWFE\_Take)

U. I summorize the value of TE in DID-dist\_tein Tables.

I fination to be 5.4 . Thus, UNDA CONSTANT freatment effects,

S Should be G. U. (Also see Figures/ Dia- Of te - histogram)

5. Using ferm I find the Coefficient on TREAT to Jeb.3. This 1-eass meto beli everyor this is bioses, because & Should be 5.4 instear Of6-3, so we ore afterst alittle bioses. (See DID\_Prob\_5.1+f)

G. Group y is treated in 2004.

WE USE

TEX[YEOR-TREATER +1]

10 got

YX[2006-2004 +1] = 1.6

The TE should be positive in an Post-treatment Periods.

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The Te should

BUT also me?

X

PIIMS ADD = SDD=VWATT+VWCT- DATT

USE ATT(2004,2001) > -21.8153 = 16 + 0- Heterogenery bias

FOT year = 2007, the heterogenery biasis 15.8153 with dynamic

TE (see Tables) DID\_Prob\_7)

E. The CS Estimatonis:

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9.	NOR: I top extreme problems setting this to work with R,
•	So eventually I Paritifilize in State. Howard, I couldn't figure out
8	how to hook UPP totagna Github, So I have nofiles to PPH.
	GROUPH'S ATT IS 1210 2006 CM) 1610 2007. THESE OR
	Unbiasesbecause they are exactly the value stoms in Problem 6.
	That is, the expects value of the est, matrix equal to the actual
	Value of ATT for 8 RUPU in 2006 and 2007.
<u> </u>	

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