Part IIA Paper 3 Project

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Q1. Vaccination take-up rates: Inter-State differences in the USA in 2021.

At the end of 2021 the share of the population fully vaccinated against Covid-19 differed widely across US States.

a) Identify and evaluate the main economic and social factors giving rise to this outcome.

b) On the basis of your answer to a), suggest how high vaccination rates might be achieved across the entire United States.

85 words

1   Introduction

Hello world hi hi hello d

Table 1: Cross-Section Regression

	(1)	(2)	(3)	(4)
	Two Doses, 31 December	Standardized	One Dose, 31 December	Two Doses,
	b/se	beta	b/se	b/se
repvotes2020pct	-0.52***	-0.65	-0.60***	-0.31*
	(0.03)		(0.04)	(0.03
whiteevangelical	-0.03	-0.03	-0.05	-0.04
	(0.06)		(0.07)	(0.05
catholic	0.11*	0.09	0.14**	-0.02
	(0.04)		(0.05)	(0.04
black	-0.25***	-0.29	-0.27***	-0.16*
	(0.03)		(0.04)	(0.03
poverty	-0.15	-0.07	-0.14	-0.13
	(0.08)		(0.10)	(0.06
lmedincome	2.22	0.04	1.33	4.01
	(2.96)		(3.46)	(2.28
lcol	4.19	0.04	6.37	0.41
	(3.41)		(4.19)	(3.01
pop60to79	0.18*	0.06	0.20*	0.31**
	(0.08)		(0.10)	(0.06
above80	0.73***	0.08	0.43	0.53*
	(0.21)		(0.26)	(0.17
fullcollege	0.10*	0.07	0.11*	0.11**
	(0.04)		(0.05)	(0.03
cases_per_capita	57.27***	0.11	55.28**	52.05*
	(15.05)		(16.87)	(16.25
1.rural_rating	0.00	0.00	0.00	0.00
	(.)		(.)	(.)
2.rural_rating	0.20	0.00	1.00	1.12*
	(0.55)		(0.66)	(0.54
3.rural_rating	-0.20	-0.01	-0.21	0.60
	(0.58)		(0.71)	(0.52
4.rural_rating	-0.57	-0.01	-0.92	0.76
	(0.71)		(0.90)	(0.58
5.rural_rating	0.08	0.00	-0.47	1.54*
	(0.87)		(1.13)	(0.76
6.rural_rating	-0.24	-0.01	-0.28	0.78
	(0.63)		(0.76)	(0.56
7.rural_rating	-0.38	-0.01	0.10	1.07
	(0.76)		(0.94)	(0.63
8.rural_rating	-1.48	-0.03	-2.10	0.59
	(0.92)		(1.11)	(0.79
9.rural_rating	-0.96	-0.03	-1.00	0.56
	(0.87)		(1.06)	(0.69
_cons	2.87		4.21	-11.6
	(41.54)		(50.46)	(33.07
N	3075	3075	3075	3075

Table 2: Summary Statistics

	(1) Treated mean	(2) Untreated mean	(3) Pair Differences mean	(4) Nationwide SD sd
repvotes2020pct	78.58	84.67	6.46	16.03
black	0.89	0.53	0.62	14.79
fullcollege	21.19	22.70	5.71	9.54
cases_per_capita	0.04	0.06	0.03	0.02
whiteevangelical	34.10	35.31	5.05	12.64
catholic	13.60	16.69	5.05	10.03
poverty	13.70	11.38	3.40	5.78
median_family_income_2020	63643.50	66247.97	10650.24	16720.16
pop60to79	21.60	22.74	3.66	4.58
above80	6.11	6.84	2.02	1.50
N	10	13	44	3075