DiD-regression

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We first examine the effect of medicaid expansion on uninsured rate. Table 2 presents the primary findings of the DD analysis, employing sample weights and adjusting for covariates. the first 7 columns show estimates from the fixed effect logistic regression, while the second seven columns show results from OLS. Each specification controls for state and year fixed effects. Column 2 controls for the variables state political ideology and state unemployment rate which were the minimal adjustment set based on the DAG result. Column 3 additionally controls for region-by-year fixed effects while column 4 control for state-specific linear time trends. the full model with all the control variables added are presented in columns 5-7, the difference is in column 6 region-by-year fixed effects is added whereas in column 7 state-specific linear time trend is added.

Columns numbers reveal a positive and statistically significant association between Medicaid expansion and hospital Medicaid revenue. For hospitals in Medicaid-expansion states, Medicaid net revenue increased, on average, by 2.67% after Medicaid expansion (column 3). Meanwhile, columns 4 - 6 shows Medicaid expansion decreased hospital uncompensated care cost by approximately 2%, which is statistically and economically significant.

For both populations, the "Post X Expansion" term was positive and statistically significant for "any insurance" (p<.01) and "Medicaid" (p<.001), suggesting that Medicaid expansion resulted in a significant increase in the probability of having any insurance and having Medicaid for urban and rural low-income populations pooled.

Put differently, our estimates and standard errors from column 2

	model 1	.1	.2
treat	-0.075***	(0.011)	-0.071*** (0.011) -0.085*** (0.015)
ForeginBorn	0.244***	(0.012)	0.243*** (0.013) 0.243*** (0.013)
treat x ForeginBorn	-0.031	(0.018)	-0.029 (0.018) -0.028 (0.018)
state unemployment rate	0.004	(0.003)	0.005 (0.003)
State Political Ideology	-0.011	(0.038)	0.015 (0.036)
Controls	No	No	No
Fixed-Effects:			
ST	Yes	Yes	Yes
YEAR	Yes	Yes	Yes
REGION-YEAR	No	No	Yes
Varying Slopes:			
YEAR (ST)	No	No	No
S.E.:	Clustered by:	ST & YEAR	by: ST & YEAR by: ST & YEAR
Observations	1,975,594	1,975,594	1,975,594
R2	0.10174	0.10180	0.10226
Within R2	0.04288	0.04294	0.04208

	model 4	.1.1	.2.1
treat	-0.044**	(0.010)	-0.081*** (0.012) -0.092*** (0.015)
ForeginBorn	0.244***	(0.013)	-0.229*** (0.014) 2.27 (7.86)
treat x ForeginBorn	-0.031	(0.017)	0.0004 (0.023) 0.004 (0.031)
state unemployment rate	0.002	(0.003)	
State Political Ideology	-0.044	(0.025)	
Controls	No	Yes	Yes
Fixed-Effects:			
ST	Yes	Yes	Yes
YEAR	Yes	Yes	Yes
REGION-YEAR	No	No	Yes
Varying Slopes:			
YEAR (ST)	Yes	No	No
S.E.:	Clustered by:	ST & YEAR	by: ST & YEAR by: ST & YEAR
Observations	1,975,594	1,975,594	1,975,594
R2	0.10282	0.17730	0.17502
Within R2	0.04119	0.12339	0.11971

	model 7
treat	-0.053** (0.011)
ForeginBorn	-0.064* (0.025)
treat x ForeginBorn	0.0009 (0.021)
state unemployment rate	

State Political Ideology
Controls Yes Fixed-Effects: ——————- ST Yes YEAR Yes REGION-YEAR No Varying Slopes: ——————- YEAR (ST) Yes _____ _____ S.E.: Clustered by: ST & YEAR Observations 1,975,594 R2 0.17836 Within R2 0.12192 — Signif. codes: 0 ‘***’ 0.001 **’ 0.01 *” 0.05 ‘.’ 0.1 ‘ ’ 1

Table number reports empirical finding regarding the effect of medicaid expansion on medicaid coverage among low income adult.