## DiD-regression

## Shadi

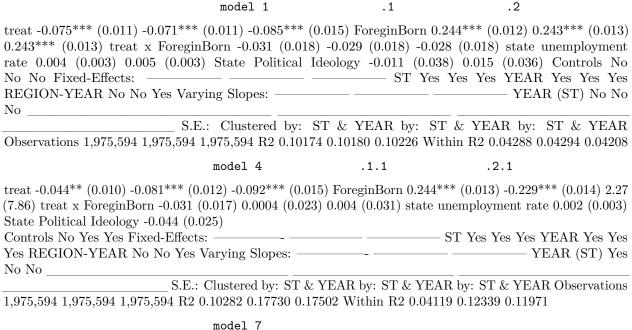
## 2023-07-06

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



. . . . .

treat -0.053\*\* (0.011) ForeginBorn -0.064\* (0.025) treat x<br/> 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 '' <b>0.001</b> '' 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.