

INTRO

Author: D'Andrea, Alexander

Expanding off of the research done by DeAngelis, C., & Makridis, C. who analyzed the effect of unions on school re-openings. I look to see how they fared in vaccinations.

RQ: What effect did Teachers' Unions have on teacher prioritization in the COVID19 vaccination rollout?

METHODS

Data: EdWeek, Garlick and Cluverius, NCES Survey

IV: Teacher Union Strength, Union Membership and Lobbying Community

DV: Vaccination Start Date

CVs: Governor Party, Legislature Control, GDP/Capita

Test: Linear Regression

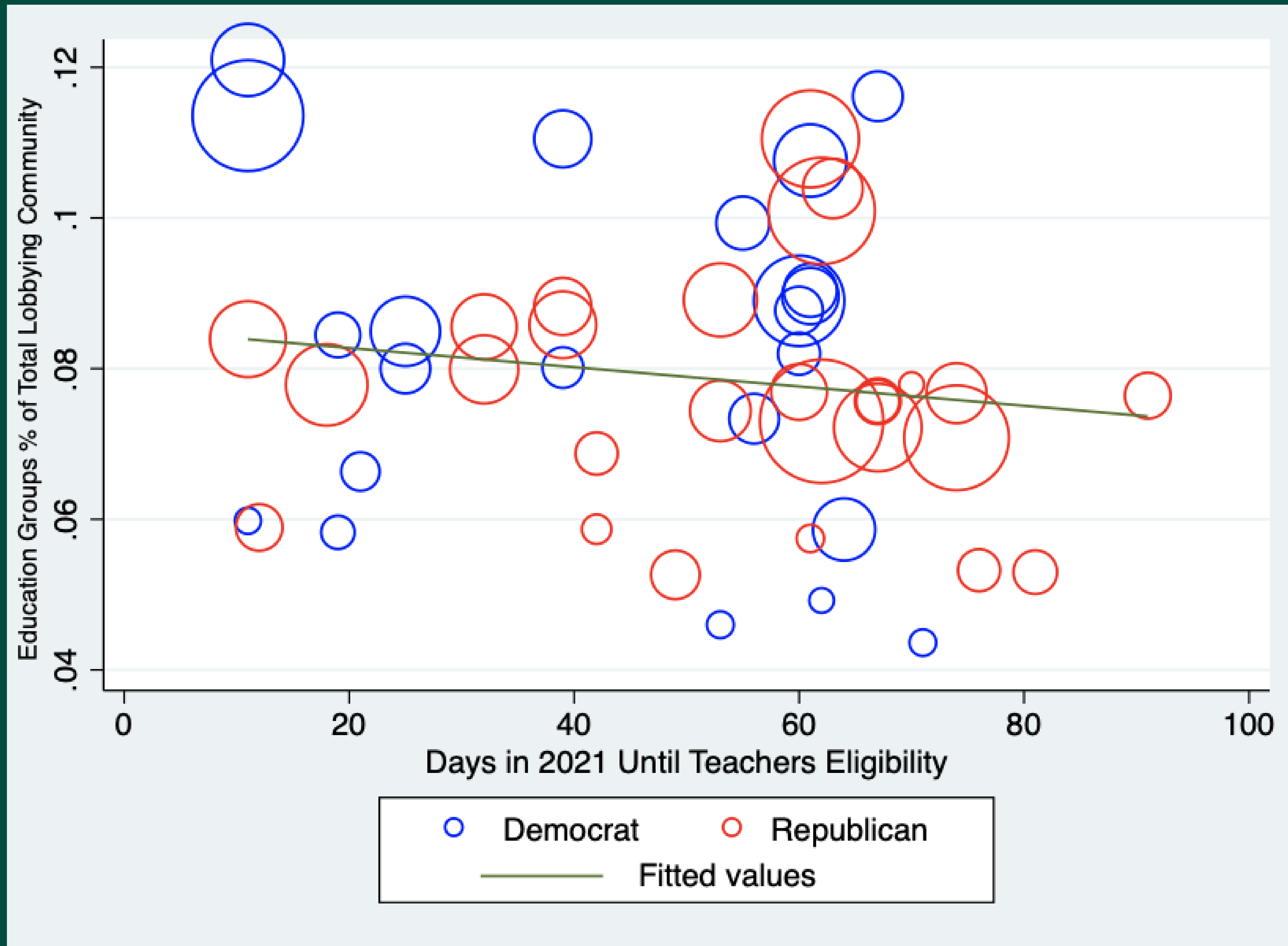
RESULTS

- Higher union membership led to early vaccinations but it was insignificant
- **States where the education lobbying community was a larger part of the total lobbying community vaccinated their teacher earlier and it was statistically significant**
- Republican governor run states vaccinated teachers later but it was insignificant

DISCUSSION

- Many empirical measures of union power were not useful when analyzing the pandemic.
- Second-face power did not matter as vaccines were inevitable, not something to be added to an agenda.
- **Lobbying was a better measure because every lobbying community was invested in the pandemic.**
- Governor party effect will not be truly known due to Biden ordering the states to start vaccating everyone.

Were teachers' unions able to effectively get their teachers vaccinated earlier?



Yes, states with stronger teachers' unions vaccinated teachers earlier.

H1: States where the union membership of teachers' is higher will have a higher priority in the vaccine rollout due to the pressure the unions preemptively put on governors.

H2: States where the education lobbying groups are a higher percentage of the total lobbying community will have teachers prioritized in the vaccine rollout.

	(1) days	(2) days
Teacher Union/Empl~i	-20.30 (14.97)	-15.45 (15.87)
Education Orgs	-0.21* (0.12)	-0.20 (0.12)
Total Orgs	0.02 (0.01)	0.02 (0.01)
Republican		6.02 (6.47)
Constant	63.66* (11.35)	56.46* (13.75)
Observations	50	50

Standard errors in parentheses
* p<0.1

