

Democrat-led states tended to have stronger response to COVID-19, improved health outcomes

October 11 2021



States with Democratic leaders tended to have responded more strongly to COVID-19 and have seen a lower rate of the spread of the virus, according to new research led by faculty at Binghamton University, State

University of New York.

Binghamton University Professor of Political Science Olga Shvetsova and her colleagues wanted to gain a clearer understanding of how politics affect COVID-19 outcomes. The researchers used data on public [health](#) measures taken across the United States to build an index of the strength of the COVID [policy](#) response. They combined this index with daily counts of new COVID cases, along with political and other variables that they thought were relevant to the dynamics of the COVID-19 pandemic and governments' response to it. Using this dataset, they assessed the effects of policies on the observed number of new infections and the difference between the policies adopted in Republican-led and Democrat-led states.

This study connects the aggregate strength of public health policies taken in response to the coronavirus disease 2019 (COVID-19) pandemic in the U.S. states to the governors' party affiliations and to the state-level outcomes. Understanding the relationship between politics and [public health measures](#) can better prepare American communities for what to expect from their governments in a future crisis and encourage advocacy for delegating public health decisions to medical professionals.

"The state governments led by Democrats, on average, took stricter measures than the state governments led by Republicans, and the states with stricter measures had the virus spread much slower," said Shvetsova.

The difference between the policies made in Democrat-led states and those made in Republican-led [states](#) corresponded to an about 7-8 percent lower rate of the spread of the virus.

According to the researchers, these conclusions reinforce the findings of previous studies that application of public health policy was politicized

for COVID-19, and this affected health outcomes.

"The main lesson of this research is that better public health requires a less partisan approach to the making of public health policies," said Shvetsova.

Additional researchers and institutions on the study included: Andrei Zhirnov from the University of Exeter, Frank Giannelli from Rutgers University, Michael Catalano, and Olivia Catalano.

The paper, "Governor's party, policies, and COVID-19 outcomes: Further Evidence of the Effect," was published in the *American Journal of Preventive Medicine*.

More information: Olga Shvetsova et al, Governor's Party, Policies, and COVID-19 Outcomes: Further Evidence of an Effect, *American Journal of Preventive Medicine* (2021).

DOI:doi.org/10.1016/j.amepre.2021.09.003

Provided by Binghamton University

Citation: Democrat-led states tended to have stronger response to COVID-19, improved health outcomes (2021, October 11) retrieved 2 May 2024 from

<https://medicalxpress.com/news/2021-10-democrat-led-states-tended-stronger-response.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
