

[Download This Paper \(Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1\)](https://papers.ssrn.com/sol3/Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1)[Open PDF in Browser \(Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1&type=2\)](https://papers.ssrn.com/sol3/Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1&type=2)[Add Paper to My Library](#)Share: [f](#) [t](#) [✉](#) [🔗](#)

Understanding the Economic Impact of COVID-19 Stay-at-Home Orders: A Synthetic Control Analysis

8 Pages

Posted: 19 May 2020

John Gibson (https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=4175743)

University of Texas at El Paso

Xiaojin (Aaron) Sun (https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=2203132)

University of Texas at El Paso

Date Written: May 14, 2020

Abstract

There is an ongoing debate in the U.S. regarding the costs and benefits associated with statewide stay-at-home orders that were enacted in response to the COVID-19 outbreak. Many opponents of such orders claim that the economic cost, in terms of higher unemployment, may in-fact outweigh the health benefits of such policies. In this paper, we use synthetic control analysis to determine the impact of stay-at-home orders on weekly new jobless claims. Our analysis reveals that while new jobless claims spike following stay-at-home orders, similar spikes, albeit of a lower magnitude, are also observed within our synthetic control. This finding suggests that other factors outside of the policy, such as the spread of the virus and a general waning of consumer confidence, contribute significantly to the observed increase in new jobless claims.

Keywords: Synthetic Control Analysis, COVID-19, Lockdown Orders, Jobless Claims**JEL Classification:** J64, J68, D61[Suggested Citation](#) >[Show Contact Information](#) >[Download This Paper \(Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1\)](https://papers.ssrn.com/sol3/Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1)[Open PDF in Browser \(Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1&type=2\)](https://papers.ssrn.com/sol3/Delivery.cfm/SSRN_ID3601108_code2203132.pdf?abstractid=3601108&mirid=1&type=2)

8 References

1. A Abadie
Using synthetic controls: Feasibility, data requirements, and methodological aspects
Journal of Economic Literature Posted: 2019
2. A Abadie , A Diamond , J Hainmueller
Synthetic control methods for comparative case studies: Estimating the effect of california's tobacco control program
Journal of the American statistical Association , volume 105 , p. 493 - 505 Posted: 2010
Crossref (<https://doi.org/10.1198/jasa.2009.ap08746>)
3. A Abadie , J Gardeazabal
The economic costs of conflict: A case study of the basque country
American Economic Review , volume 93 , p. 113 - 132 Posted: 2003

Crossref (<https://doi.org/10.1257/000282803321455188>)

We use cookies that are necessary to make our site work. We may also use additional cookies to analyze, improve our site, and enhance your navigation and digital experience. For more information, see our [Cookie Policy](#).

<https://www.elsevier.com/legal/cookiepolicy>

Unemployment effects of stay at home orders: Evidence from high frequency claims data Posted: 2020

0 Citations

Fetch Citations

Do you have a job opening that you would like to promote on SSRN?

Place Job Opening (<https://www.ssrn.com/index.cfm/en/Announcements-Jobs/>)

Paper statistics

DOWNLOADS	466
ABSTRACT VIEWS	2,651
RANK	117,943

4 Citations

8 References

PlumX Metrics



(https://plu.mx/ssrn/a/?ssrn_id=5601108)

Related Journals

Microeconomics: Welfare Economics & Collective Decision-Making eJournal (https://papers.ssrn.com/sol3/JELJOUR_Results.cfm?form_name=journalBrowse&journal_id=1367770)

Follow



Urban Economics & Regional Studies eJournal (https://papers.ssrn.com/sol3/JELJOUR_Results.cfm?form_name=journalBrowse&journal_id=1124103)

Follow



View more >

Feedback

Submit a Paper > (<https://hq.ssrn.com/submission.cfm>)

SSRN Quick Links



SSRN Rankings



About SSRN



Cookie Settings

Accept all cookies

(<http://www.elsevier.com/>)

[Copyright](https://www.ssrn.com/index.cfm/en/dmca-notice-policy/) (<https://www.ssrn.com/index.cfm/en/dmca-notice-policy/>) [Terms and Conditions](https://www.ssrn.com/index.cfm/en/terms-of-use/) (<https://www.ssrn.com/index.cfm/en/terms-of-use/>)
[Privacy Policy](https://www.elsevier.com/legal/privacy-policy) (<https://www.elsevier.com/legal/privacy-policy>)

All content on this site: Copyright © 2023 Elsevier Inc., its licensors, and contributors. All rights are reserved, including those for text and data mining, AI training, and similar technologies. For all open access content, the Creative Commons licensing terms apply.

We use cookies to help provide and enhance our service and tailor content.
To learn more, visit [Cookie Settings](#).



(<http://www.relx.com/>)

(<https://papers.ssrn.com/sol3/updateInformationLog.cfm?process=true>)

We use cookies that are necessary to make our site work. We may also use additional cookies to analyze, improve, and personalize our content and your digital experience. For more information, see our [Cookie Policy](https://www.elsevier.com/legal/cookiepolicy) (<https://www.elsevier.com/legal/cookiepolicy>)

[Cookie Settings](#)

Accept all cookies