Introduction

severe compared with other countries:

- The US population is only 4.3% of the world population.
- December 31, 2021.

Then the research questions are to

- Identify the root causes of such a severe crisis.
- Understand the causal mechanism of the crisis.
- Develop a policy to mitigate the current and future crises.

2. Previous Explanations.

- mandate.
- of the US COVID-19 Crisis compared with other countries.

crisis was a root cause of the 2008-2009 financial crisis.



its unique health insurance system:

- A significant number of uninsured population (28.9 million in 2019).
- High health care costs.

The amplification mechanism of this paper is as follows:

- Increases in COVID-19 cases and deaths will lead to lockdowns.
- Lockdowns will lead to significant increases in unemployment.
- When people lose jobs, people lose employer-insured health insurance.
- These uninsured people become vulnerable to COVID-19.
- Further increases in cases and deaths will trigger further lookdowns.

Why Has the US COVID-19 Crisis Been So Severe? The Employer-Sponsored Health Insurance Channel

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December 31, 2021

| | (15) | (16) |
|-------|-------------|------------|
| 0*** | 643.00*** | 643.97*** |
|) | (0.00) | (0.00) |
| 34*** | 1637.36*** | 1634.34*** |
|) | (0.00) | (0.00) |
| 93** | 375.07 | 353.64 |
|) | (0.56) | (0.63) |
| | -2838.76*** | -2896.53** |
| | (0.00) | (0.00) |
| | | 70.63 |
| | | (0.06) |
| 28*** | 2637.15*** | 2634.65*** |
|) | (0.00) | (0.00) |
| | Yes | Yes |
| | 223 | 223 |
| | 0.894 | 0.894 |
| | 367 | 305 |
| | | |

Counterfactual Analysis: What Could Have Happened 3 with the Repeal of ACA or with the Full Medicaid Expansion?

7. Effect of the ACA Repeal/Full Medicaid Expansion. We follow Banthin, Simpson, and Blumberg (2020) for the estimates of uninsured rates with the ACA repeal

- dence interval 2.59 to 4.25).
- (confidence interval 51% to 87%).

Although these estimates seem too drastic at first sight, given that the US had 528% higher per-capita cases compared with the world average in December 2020, these results are consistent with the intuitions that

Conclusion

8. Summary and Conclusion. We find:

- ated a systemic crisis via fire-sales spillover.
- able to afford health care.

Table 4 below summarizes the points of the paper.

| | Financial System | Health System |
|---------------------|--------------------------|-------------------------------|
| Systemic Risk | Excessive leverage | Uninsured population and ESI |
| Externality | Fire-sales spillover | Spreading COVID-19 to others |
| Crisis | 2008-09 Financial Crisis | 2020-21 COVID-19 Crisis |
| Short-term Response | Asset Purchases | Vaccine, American Rescue Plan |
| Long-term Response | Dodd-Frank, BASEL III | ? |

Table 4. Comparison of the Financial System and the Health System

References

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Banthin, J., M. Simpson, M. Buettgens, L. J. Blumberg, and R. Wang. 2020. "Changes in Health Insurance Coverage Due to the COVID-19 Recession: Preliminary Estimates Using Microsimulation." Robert Wood Johnson Foundation.

Bernanke, B, Geithner T, and H. Paulson, with J. Liang. 2020. *First Responders:* Inside the U.S. Strategy for Fighting the 2007-2009 Global Financial Crisis. Yale University Press.

Chernozhukov, V., H. Kasahara, and P. Schrimpf. 2021. "Causal Impact of Masks, Policies, Behavior on Early Covid-19 Pandemic in the U.S." Journal of Econometrics. Volume 220. Number 1. Pages 23-62.

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• The ACA repeal could have increased the COVID-19 cases by 3.42 times (confi-

• The full Medicaid expansion could have reduced the COVID-19 cases by 72%

• A country cannot contain the pandemic when people cannot afford health care.

• Having health insurance coverages comparable with other countries could have mitigated the US COVID-19 crisis to the level comparable to other countries.

• In the 2008-2009 financial crisis, excessive leverages of financial institutions cre-

• In the 2020-2021 COVID-19 crisis, uninsured population and ESI create a systemic crisis via spillover of COVID-19 to the population as they are not being

• One would need a long-term response in the health system to be able to deal with the current and future crisis as one did for the financial system after the 2008-09 financial crisis with Dodd-Frank, BASEL III, OFR, and FSOC.

Adrian, T., and H. S. Shin. 2008. "Liquidity and Leverage." Federal Reserve Bank of