How Do Household Energy Transitions Work?

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Abstract

Brief summary of what we did.

Introduction

Blah

Specific Aims and Overarching Approach

This study builds on three data collection campaigns in winter 2018/19, winter 2019/20, and winter 2021/22, as well as a partial campaign in winter 2020/21 (CIHR-funded) with the following specific aims:

1. Estimate how much of the policy's overall effect on health, including respiratory symptoms and cardiovascular outcomes (blood pressure, central hemodynamics, blood inflammatory and oxidative stress markers), can be attributed to its impact on changes in PM2.5;
2. Quantify the contribution of changes in the chemical composition of PM2.5 from different sources to the overall effect on health outcomes;
3. Quantify the impact of the policy on outdoor air quality and personal air pollution exposures, and specifically the source contribution from household coal burning.

Aim 1: Health Impacts and Mechanisms

To come...

Introduction

To come...

Study Design and Methods

Recent developments in the econometrics literature (Callaway and Sant'Anna 2021)

Data Analysis

To come...

Results

To come...

Discussion and Conclusions

To come...

Aim 2: Source Contributions

To come...

Introduction

To come...

Study Design and Methods

To come...

Data Analysis

To come...

Results

To come...

Discussion and Conclusions

To come...

Aim 3: Impacts on $PM_{2.5}$

To come...

Introduction

To come...

Study Design and Methods

To come...

Data Analysis

To come...

Results

To come...

Discussion and Conclusions

To come...

Synthesis, Interpretation, and Implication of Findings

To come...

Data Availability Statement

To come...

Acknowledgements

To come...

References

Appendices

About the authors

Other publications

Other papers that have been published.(Li et al. 2022a; Li et al. 2022b; Sternbach et al. 2022)

Callaway B, Sant'Anna PHC. 2021. Difference-in-Differences with multiple time periods. Journal of Econometrics 225:200–230; doi:10.1016/j.jeconom.2020.12.001.

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