

# Maximilian T. Nohr

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## Education

<b>PhD Economics (ongoing)</b> , University of Texas at Austin, USA.	(expected) 2025
<b>M.Sc. Politics, Economics and Philosophy</b> , University of Hamburg, Germany.	2019
<b>B.Sc. Mathematics and Economics</b> , University of Mannheim, Germany.	2016

## References

Cody Tuttle  
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Scott Carrell  
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## Research

"The Effect of Air Pollution on Mortality: Evidence from Wildfire Smoke in Mexico" (Job market paper)

Wildfires produce large amounts of air pollution via smoke, which can travel far beyond the original fire location. This paper studies the causal effect of wildfire smoke exposure on mortality in Mexico. I merge satellite image data on wildfire smoke plumes with administrative death records and leverage high-frequency variation in smoke exposure within municipalities over time. Using data from air pollution monitors, I show that wildfire smoke over a municipality increases  $PM_{2.5}$  air pollution by 11%. At the same time, mortality increases by 1.87 deaths per million on the day of smoke, and by an additional 1.69 deaths per million over the next three days. The mortality effects are concentrated among individuals over 60 years old, with the largest effects for those over 80 and no effects for those below 50. The main effect on short-term mortality in Mexico is high compared to prior studies in developed countries. Within Mexico, the effects are also larger for individuals in poorer municipalities. Overall, this paper provides new evidence on short-term mortality effects of wildfire smoke across all age groups in Mexico, and suggests key heterogeneity in the harms of air pollution by income.

## Teaching Experience

### **Teaching Assistant:**

*University of Hamburg:*

Social Choice and Welfare (Prof. Gerber) 2018

Ethics (Prof. Braham) 2018

*University of Texas at Austin:*

Economic Statistics (Prof. Bencivenga) 2019

Introduction to Macroeconomics (Prof. Mostashari) 2020

Introduction to Economics (Prof. Showalter) 2020

Introduction to Econometrics (Prof. Schneider) 2020

Empirical Public Economics (Prof. Sibley) 2021

MBA Managerial Microeconomics (Prof. Hatfield) 2021-2024

## Honors and Awards

Bruton Fellow 2022

Second Year Paper Award for "The Effect of Wildfire Smoke on Mortality: Evidence from Mexico" 2020

German Academic Exchange Service (DAAD) stipend recipient. 2014

## Academic Work

**Student Assistant** at CliSAP (Integrated Climate System Analysis and Prediction), University of Hamburg.

April 2017 - March 2019

I was hired to help Prof. Dr. Anita Engels with her project to publish a book that synthesizes research results that the excellence cluster CliSAP has contributed during four years of federal funding. I worked on coming up with a book concept based on researching CliSAP publications from the different working groups.

**Summer Intern** at Banco de México

July 2022 - August 2022

During this summer internship I was given the opportunity to work on my own research and get valuable feedback from economists at the central bank.

## Programming Languages

Proficient in Stata, LaTeX, Matlab, Python

Familiar with C, R, Java, ArcGIS.