

# The Mortality and Medical Costs of Air Pollution- Review

Author: Daniel Saggau — daniel.saggau@campus.lmu.de  
*Department of Statistics*, Ludwig Maximilian University Munich, Germany  
Supervisor: Nadzeya Laurentsyevea

15/03/2021

## 1 Introduction

Paper uses heterogeneous treatment effect and generic machine learning inference. Mortality in elderly population 25% are effected. Conduct first large scale quasi experimental investigation on health care use and medical case. Wind direction as an IV identification strategy. Mortality displacement as problem with identification.

Use cox-lasso model as further model.

## 2 Conclusion