

# Tackling climate change in lower-income countries

RESPONDENT COMMENTS ON ROBINSON/OKEREKE

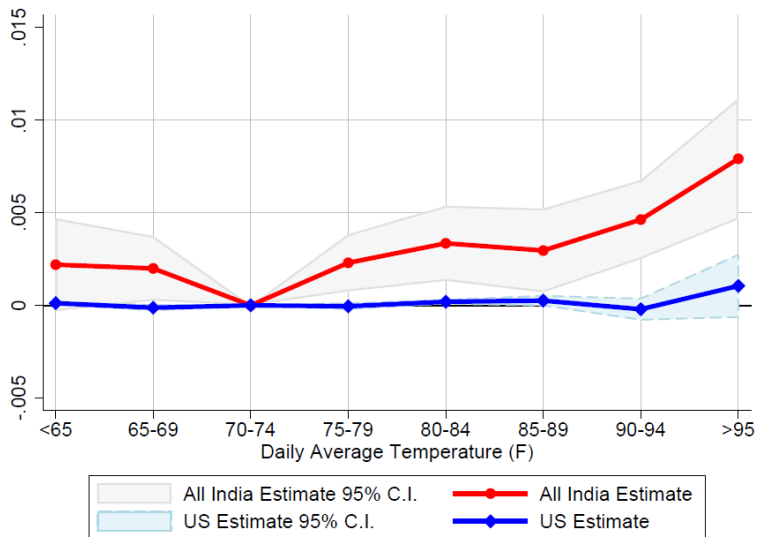
Robin Burgess (LSE)

May 5, 2023

# What I like

- 1 Climate justice
- 2 The opportunity of sustainable growth
- 3 Focus on low income countries/Africa
- 4 Institutions/political economy
- 5 We don't know what to do
- 6 Climate finance

Figure 1: Estimated Impact of Daily Temperature on Log All-Age Mortality Rates in India and the United States



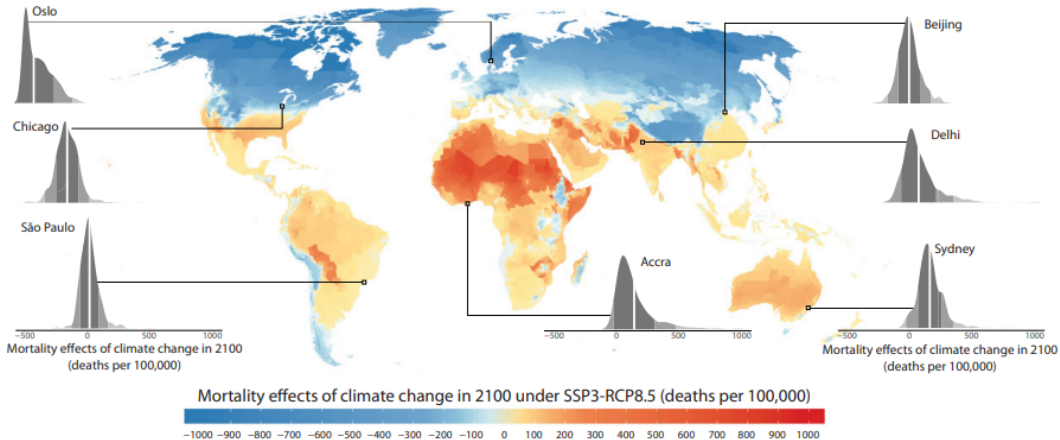
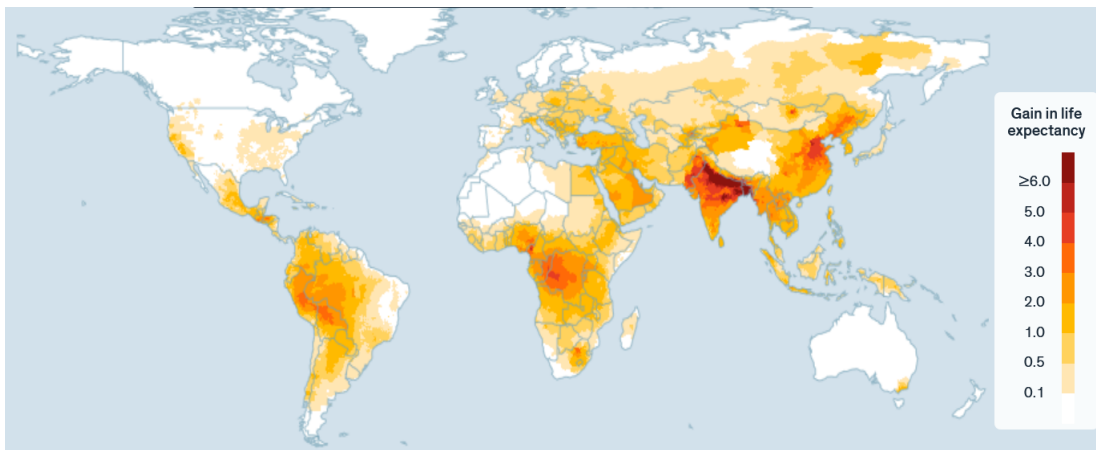
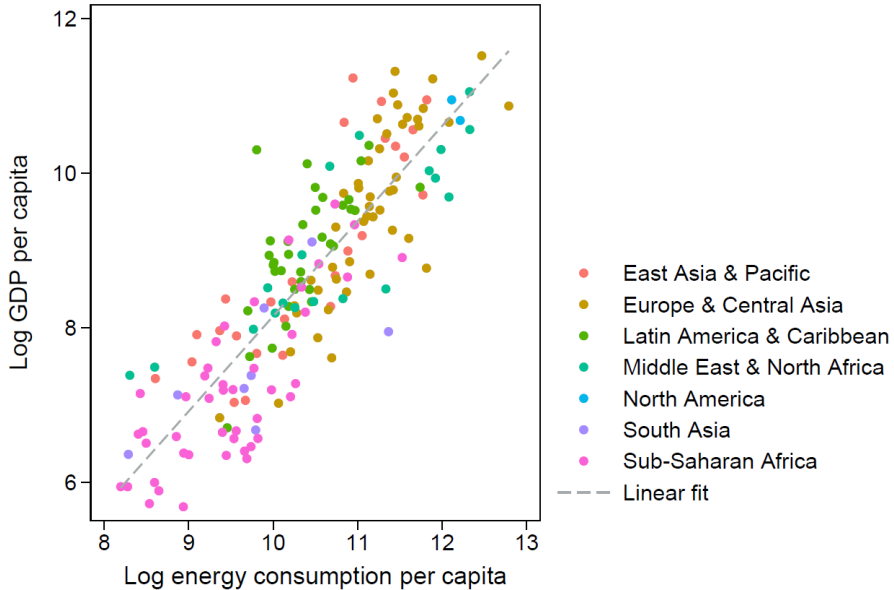


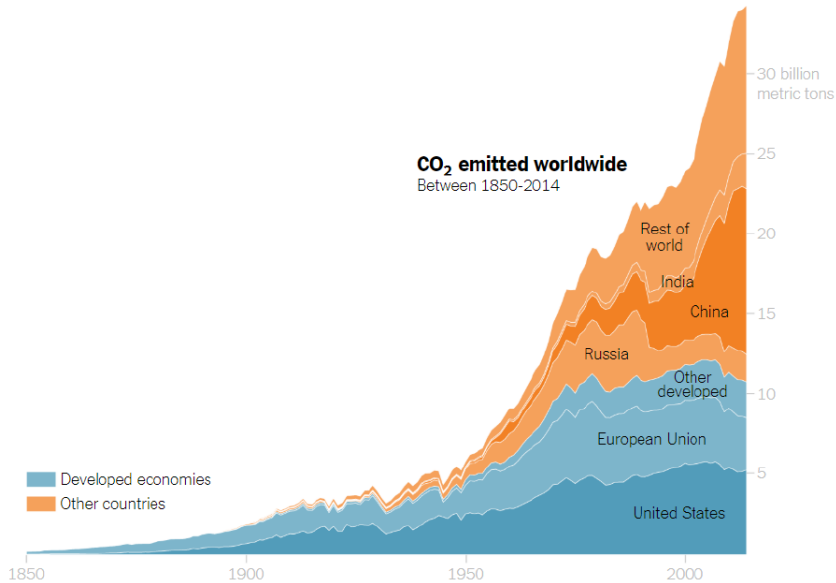
FIGURE IV

The Mortality Effects of Future Climate Change

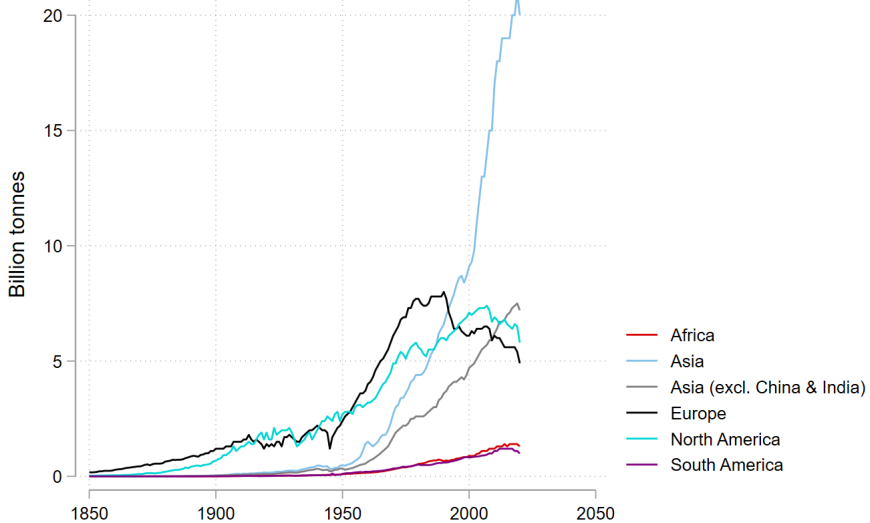




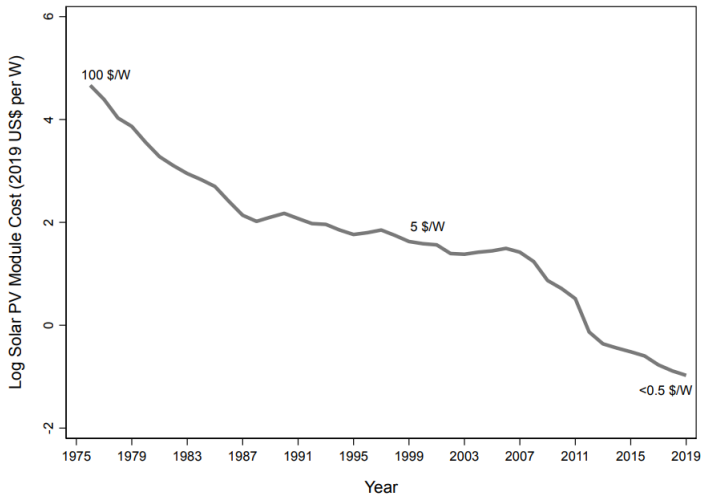




## Annual CO2 Emissions from Fossil Fuels

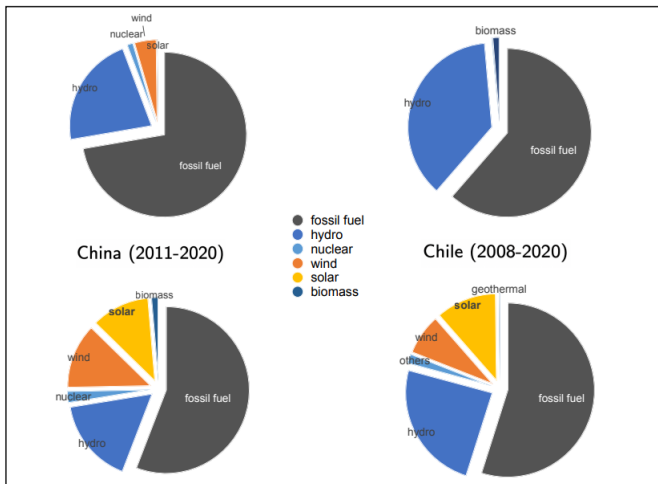


**Figure:** Global average price of solar PV modules (in 2019 US\$ per Watt)



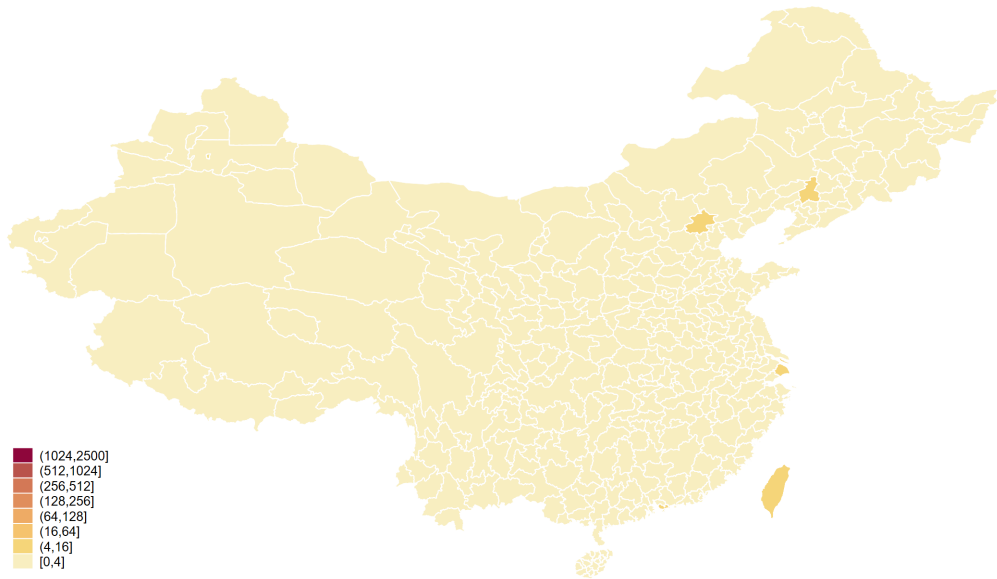
Source: LaFond et al. (2017) & IRENA Database

**Figure:** Installed electricity generation capacity in China and Chile by source

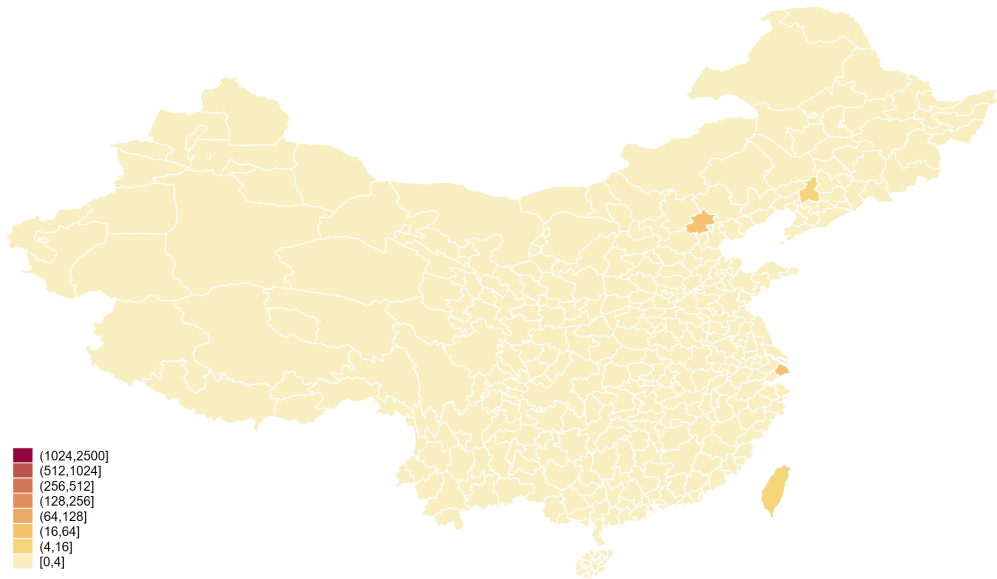


Source: State Grid New Energy Cloud & CNE

2000

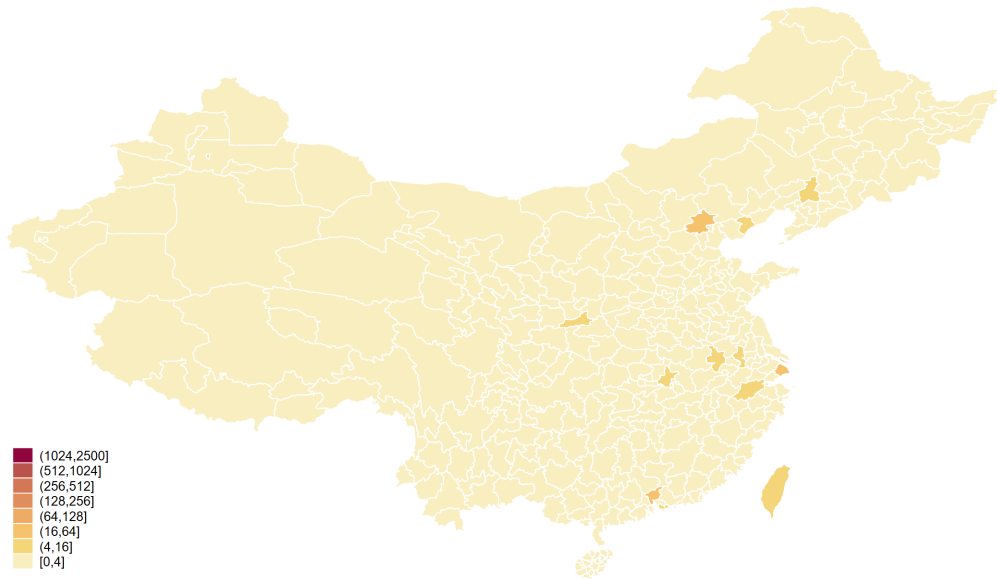


2001

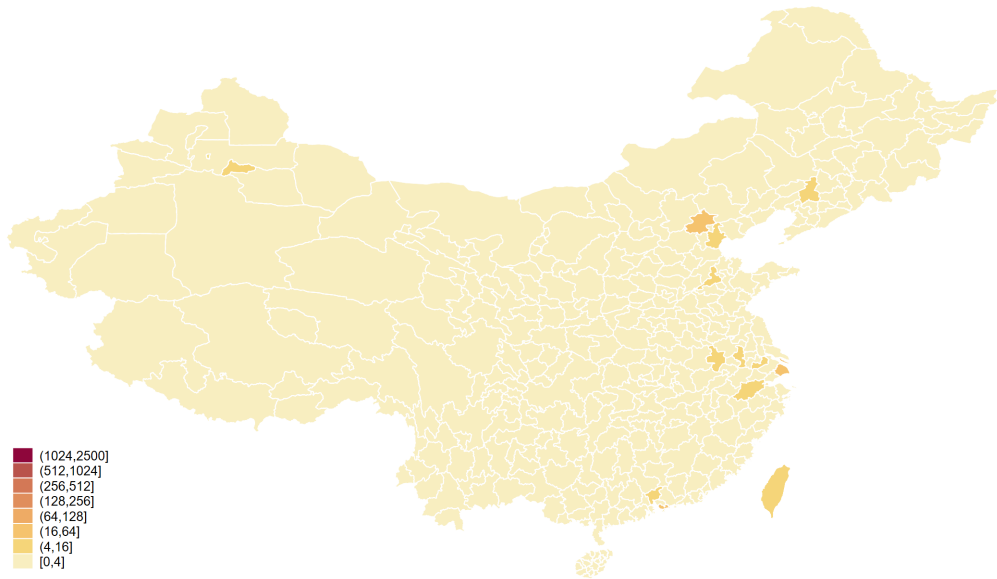




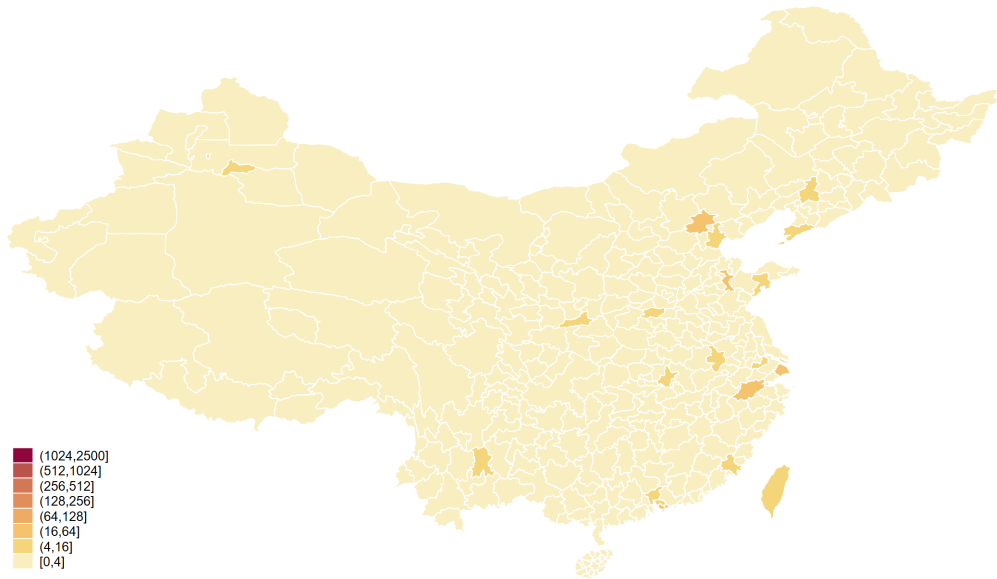
2002



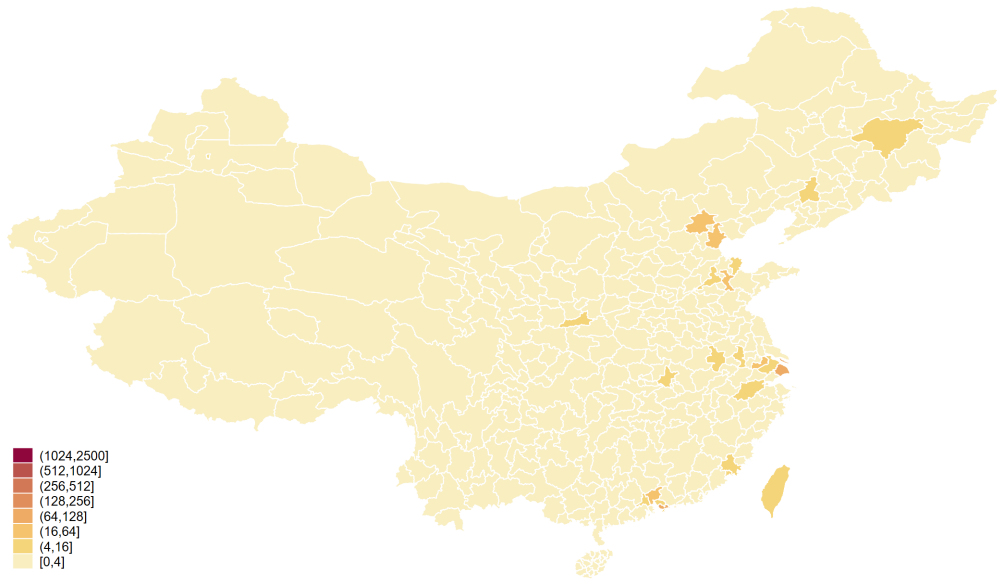
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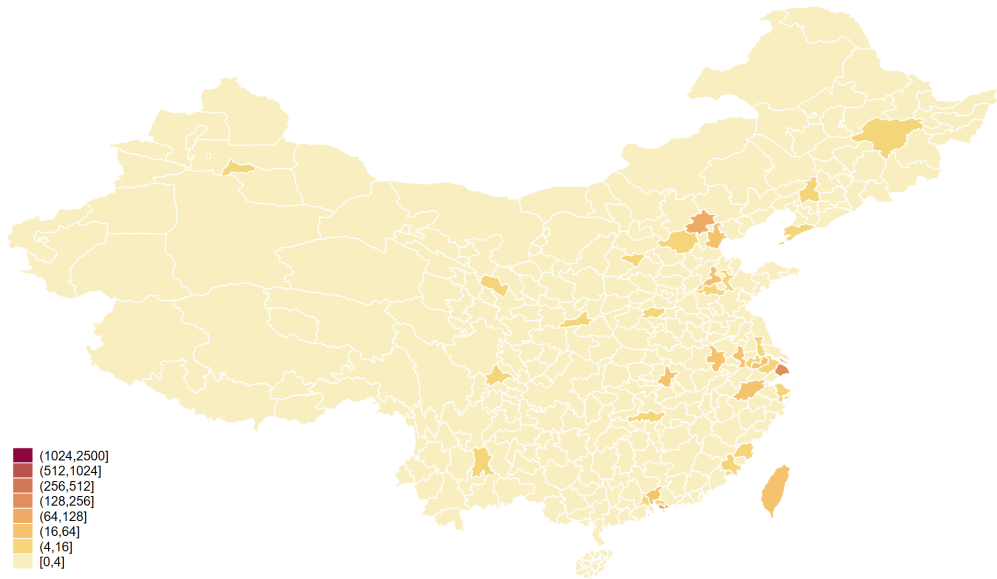
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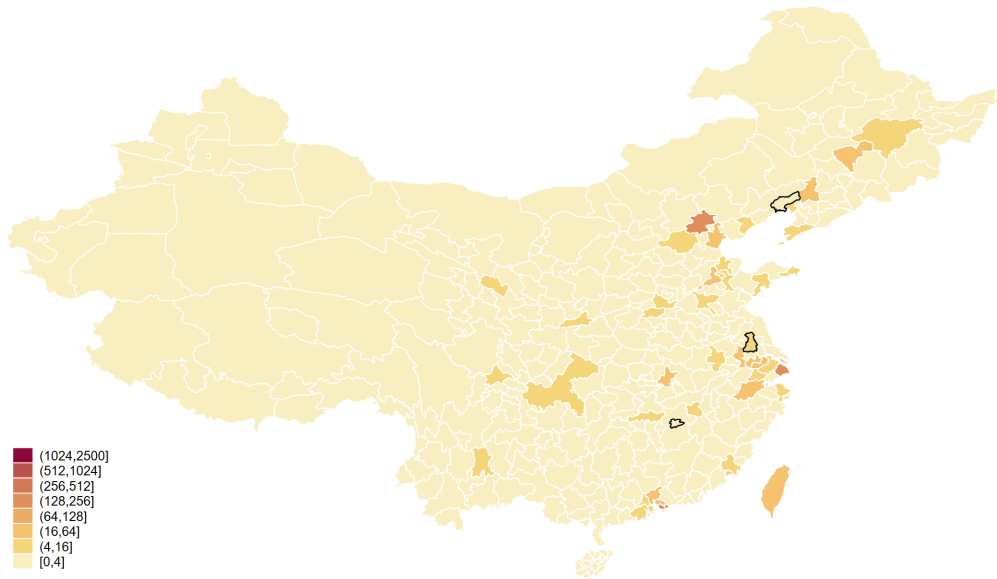
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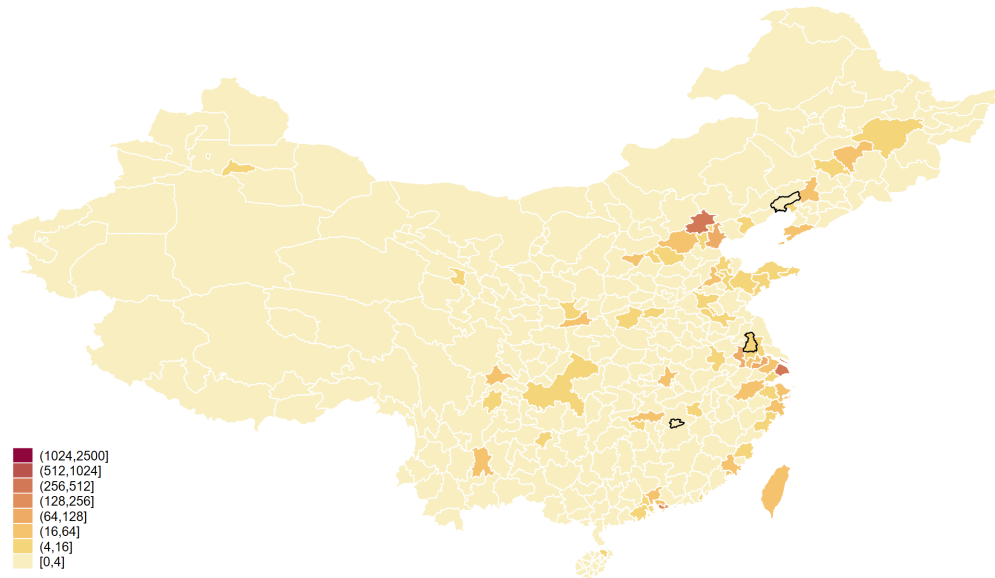
2006



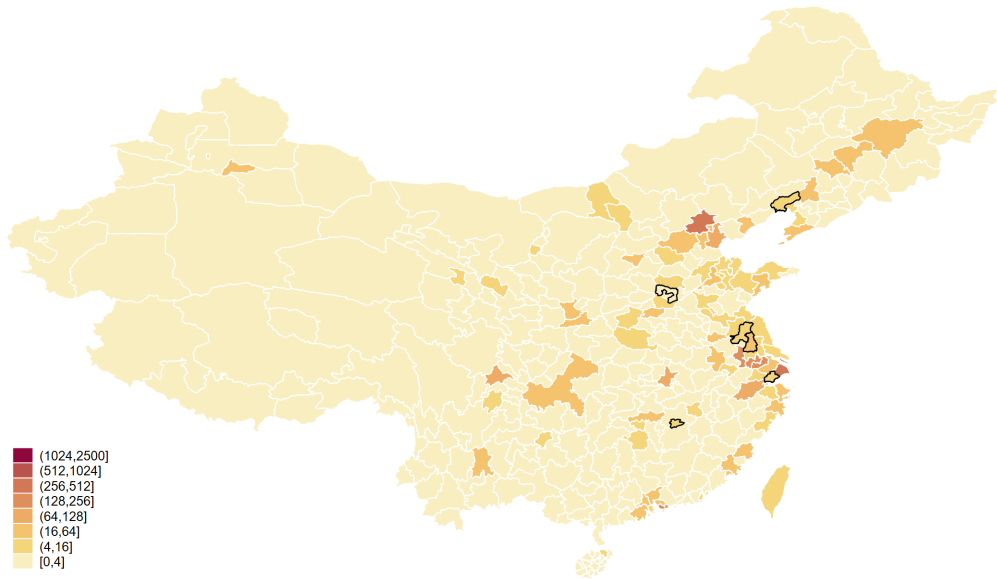
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2008

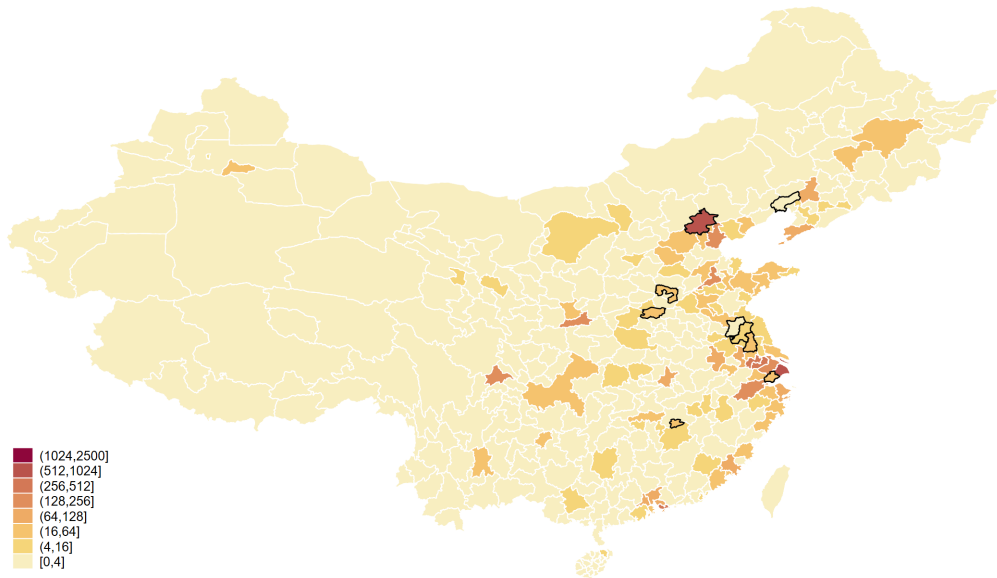


2009

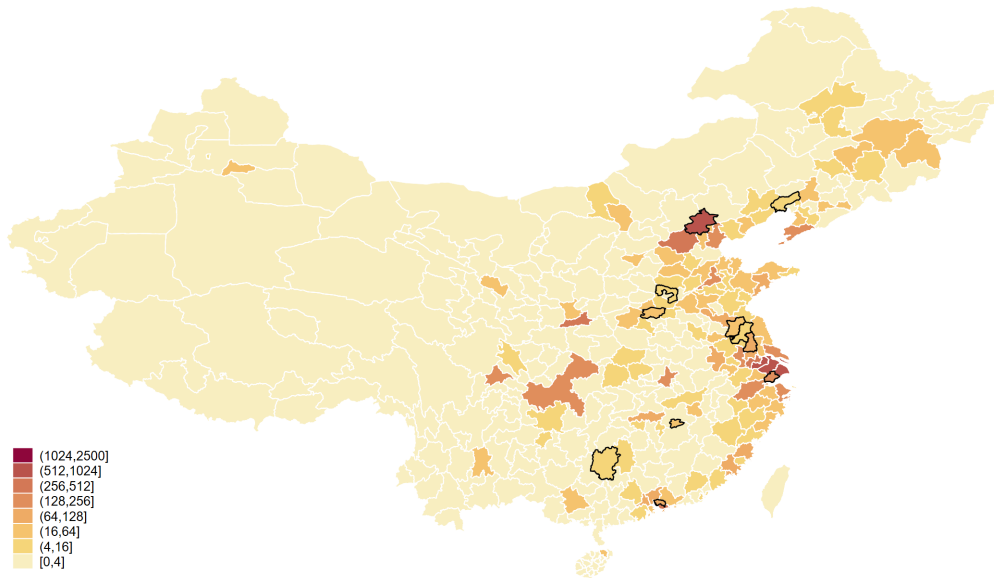




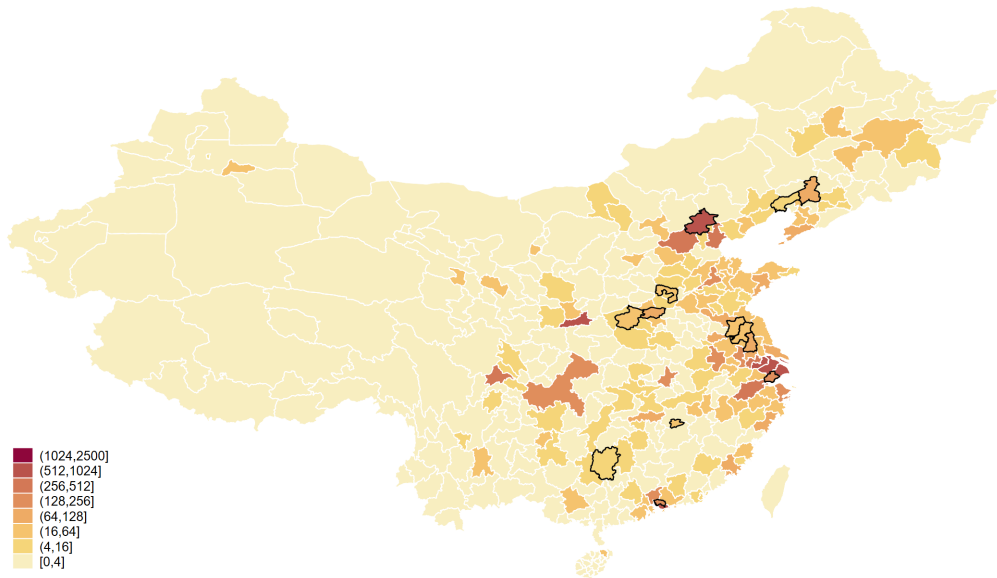
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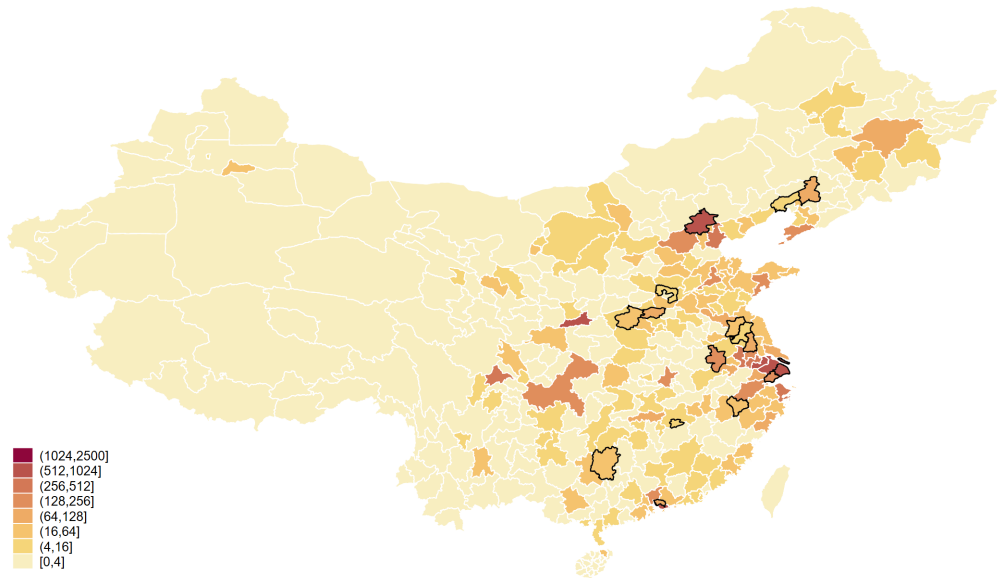
2011



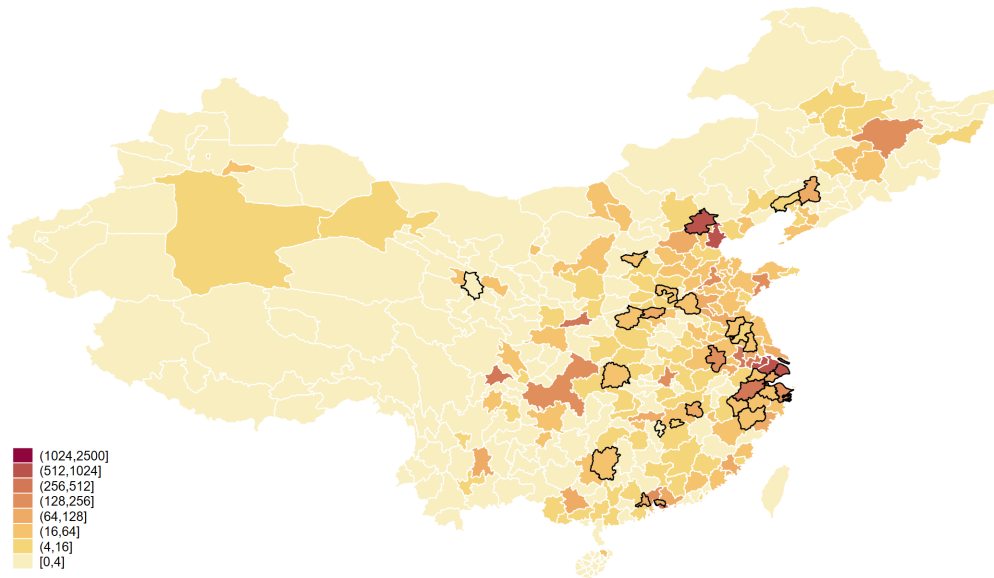
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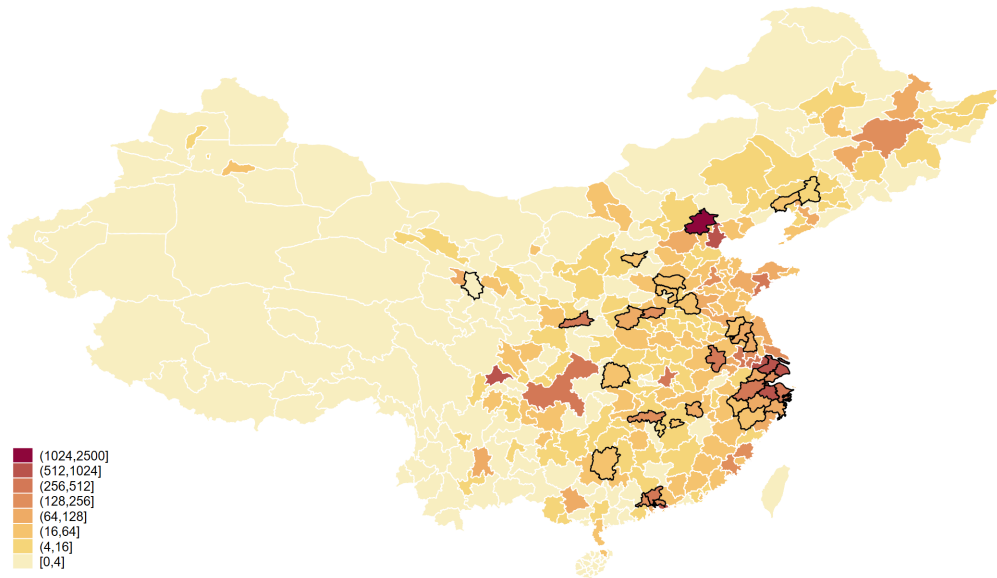
2013



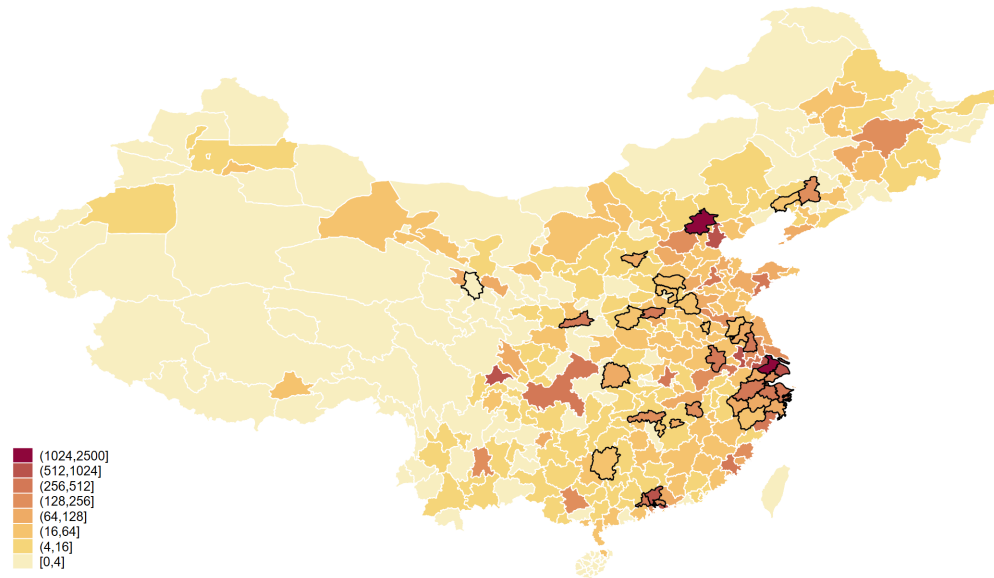
2014



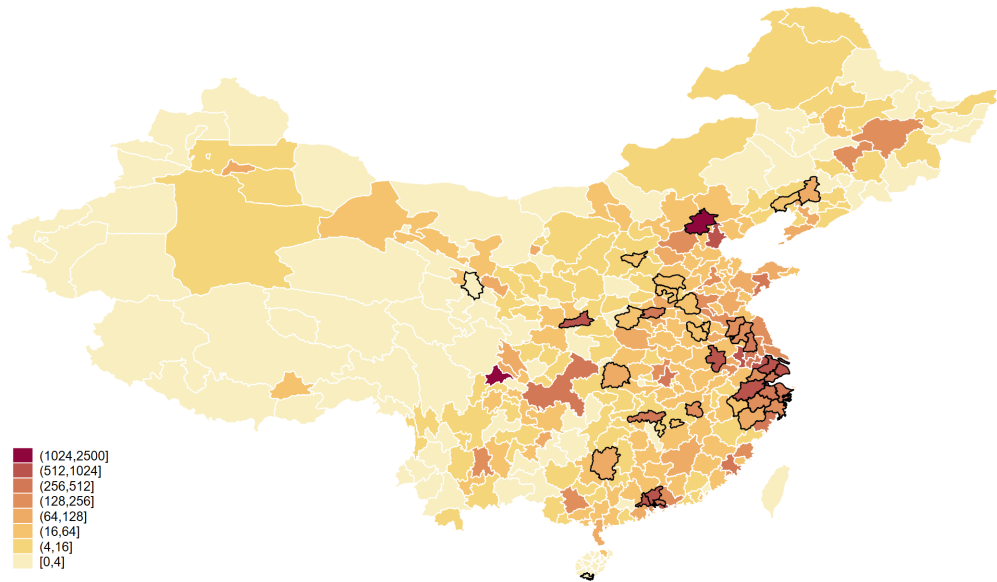
2015



2016

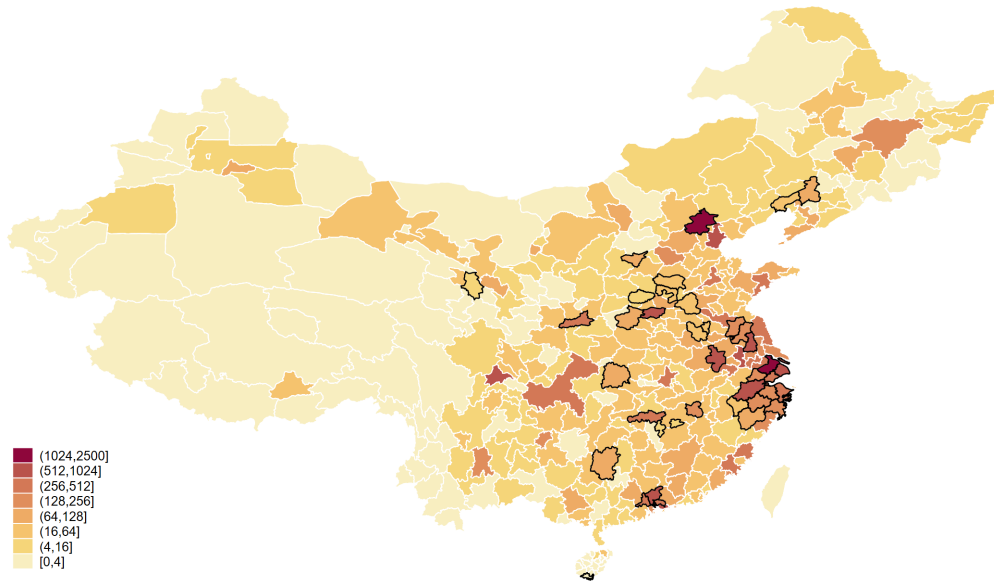


2017

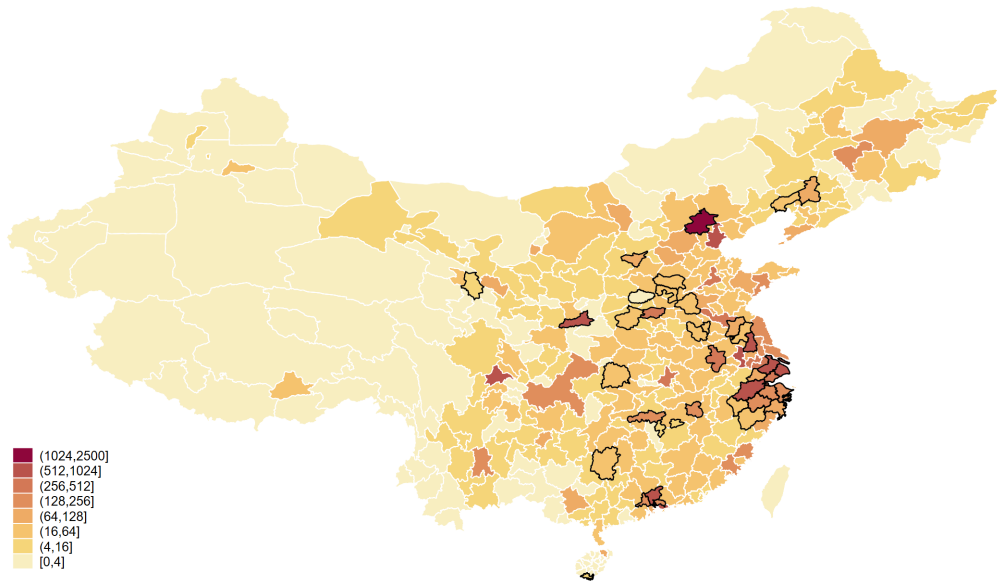




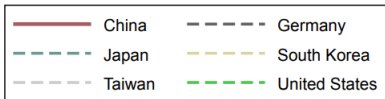
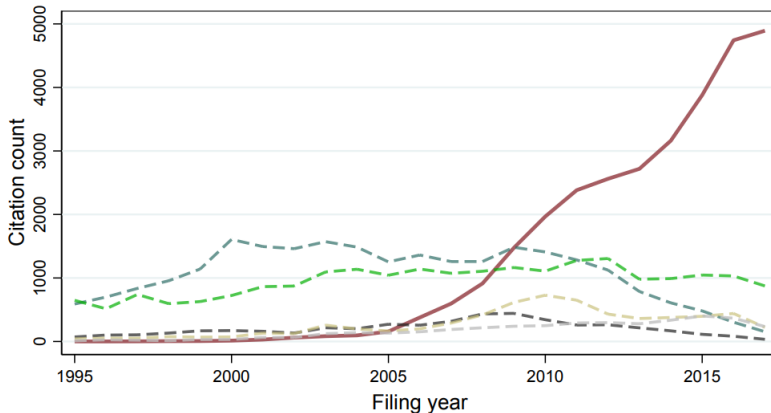
2018



2019

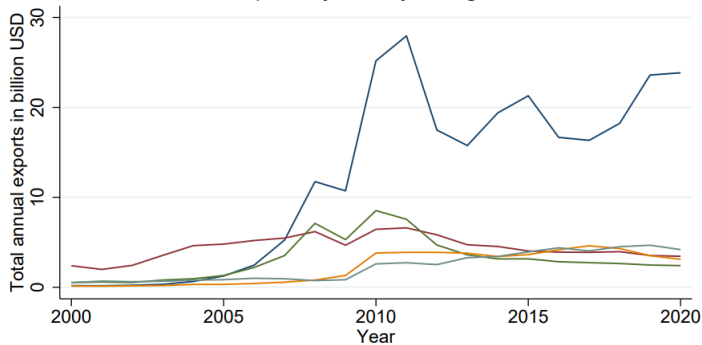


**Figure:** Cite-weighted Chinese solar patents



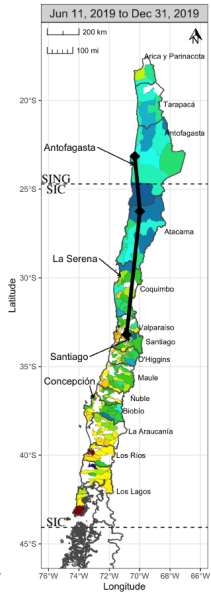
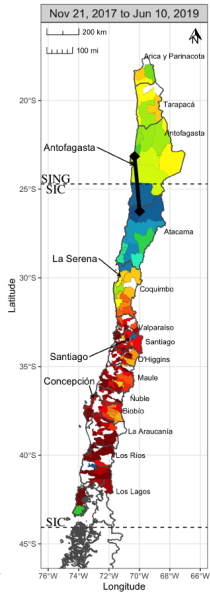
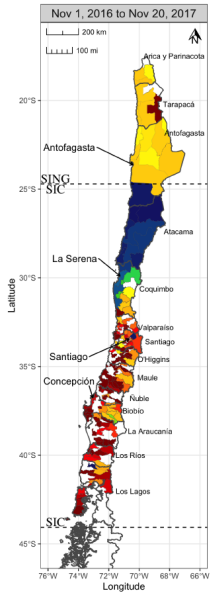
Note: Total yearly citations are divided by the number of years since the patent's filing to adjust for differences in the number of years when patents can be cited.

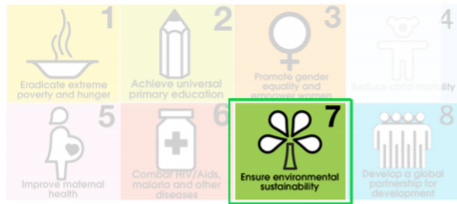
### Solar PV exports by country of origin, 2000-2020



The graph uses the 85414 code in Comtrade to calculate solar exports.

Source: IEA. License: CC BY 4.0





MDGs  
2000



SDGs  
2015

