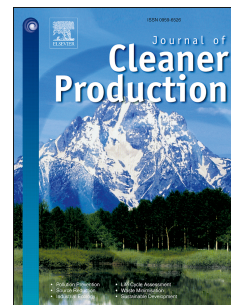


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Impacts of air pollution and its spatial spillover effect on public health based on China's big data sample

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# Highlights

- We employ a spatial Durbin model to investigate health impacts of air pollution.
- We use the survey data of mortality in China's 116 cities to measure health damage.
- We distinguish the local and neighbors' impacts of air pollution on public health.
- We validate the negative impact of pollution on local and neighbors' public health.
- We estimate the annual death tolls and medical expenses caused by air pollution.

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