1 Supplementary Materials for:

Urban-rural patterns and driving factors of particulate matter pollution decrease in eastern china

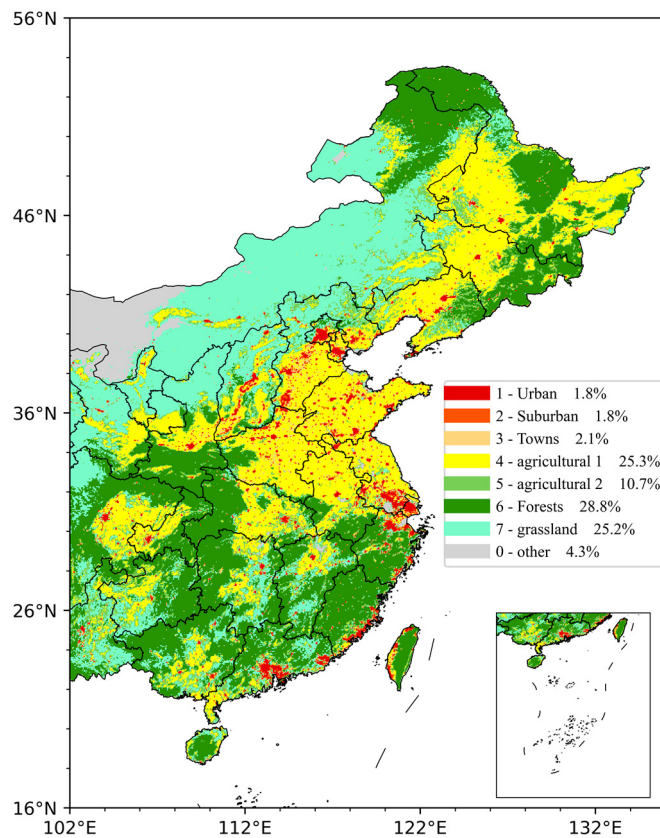**Zhihao Song et al.**

*Corresponding to: Bin Chen (chenbin@lzu.edu.cn)

This PDF file includes:Figure S1 to S10
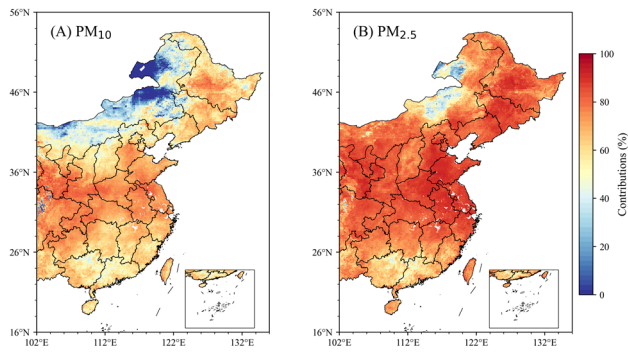

Figure S1 Adjusted land cover types

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17   **Figure S2. The explanatory power of the model in the calculation of driving factors.**
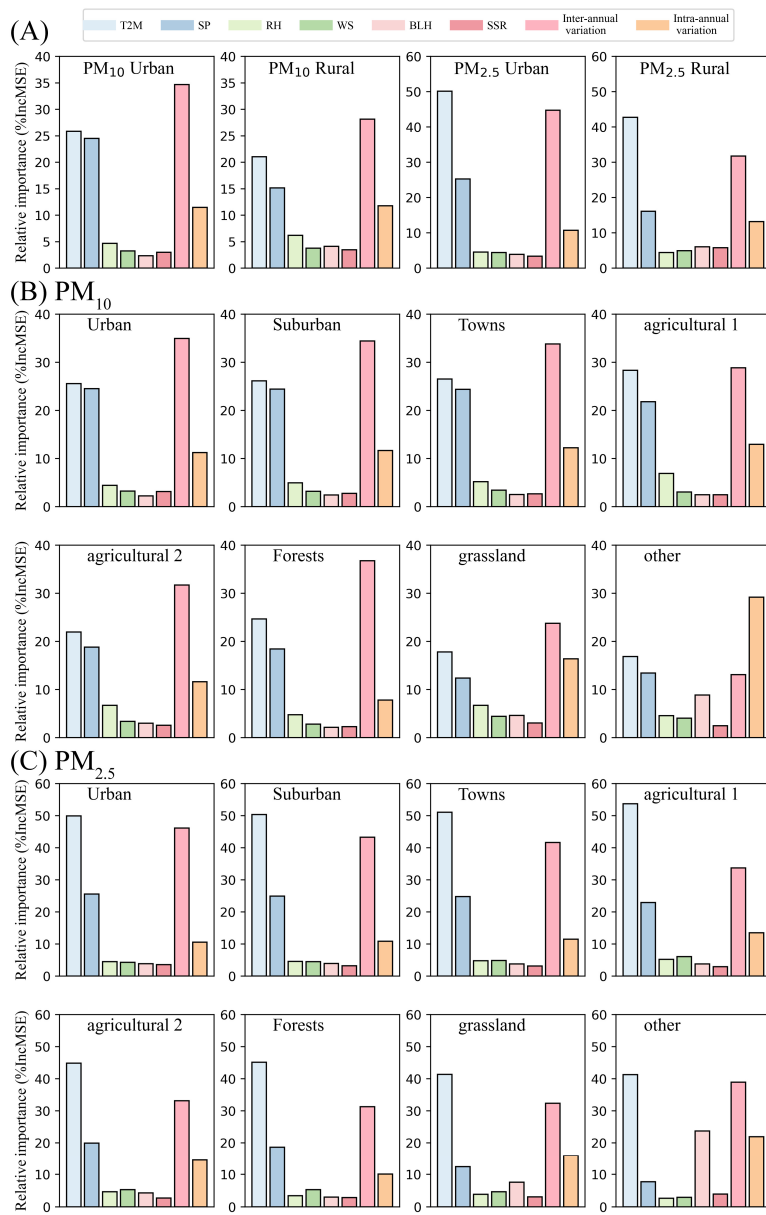
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20   **Figure S3. The urban and rural distribution of the relative importance of PM2.5 and PM10**
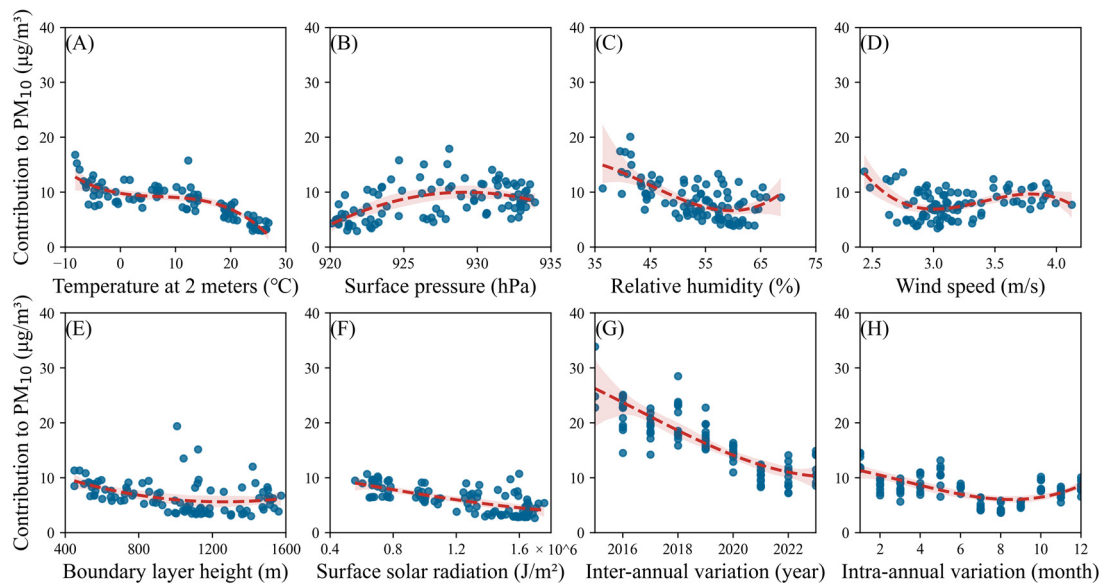
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Figure S4. Scatter plot of the relative contributions of various variables to PM10
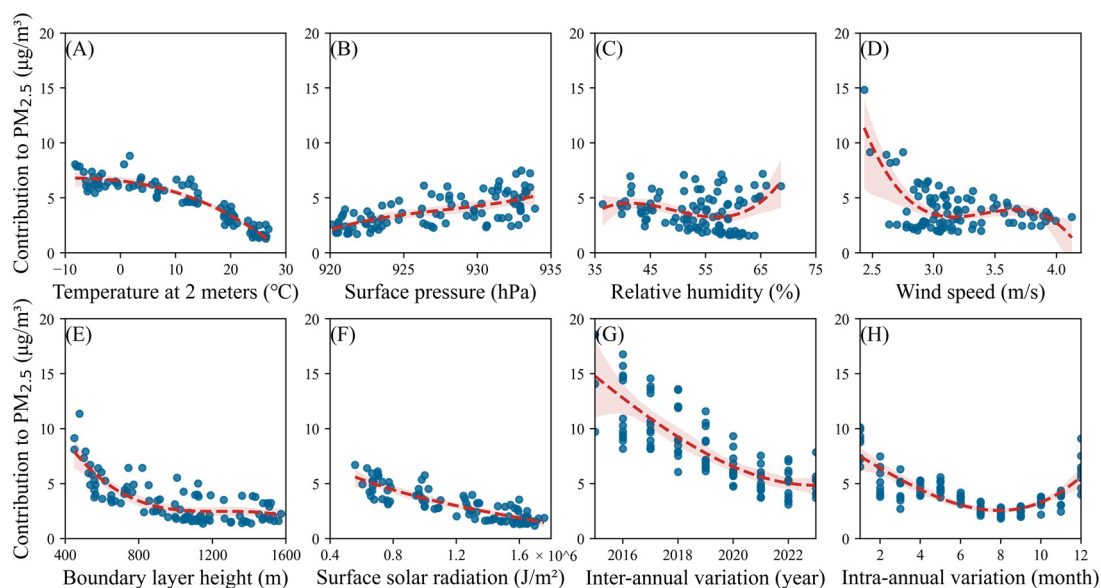
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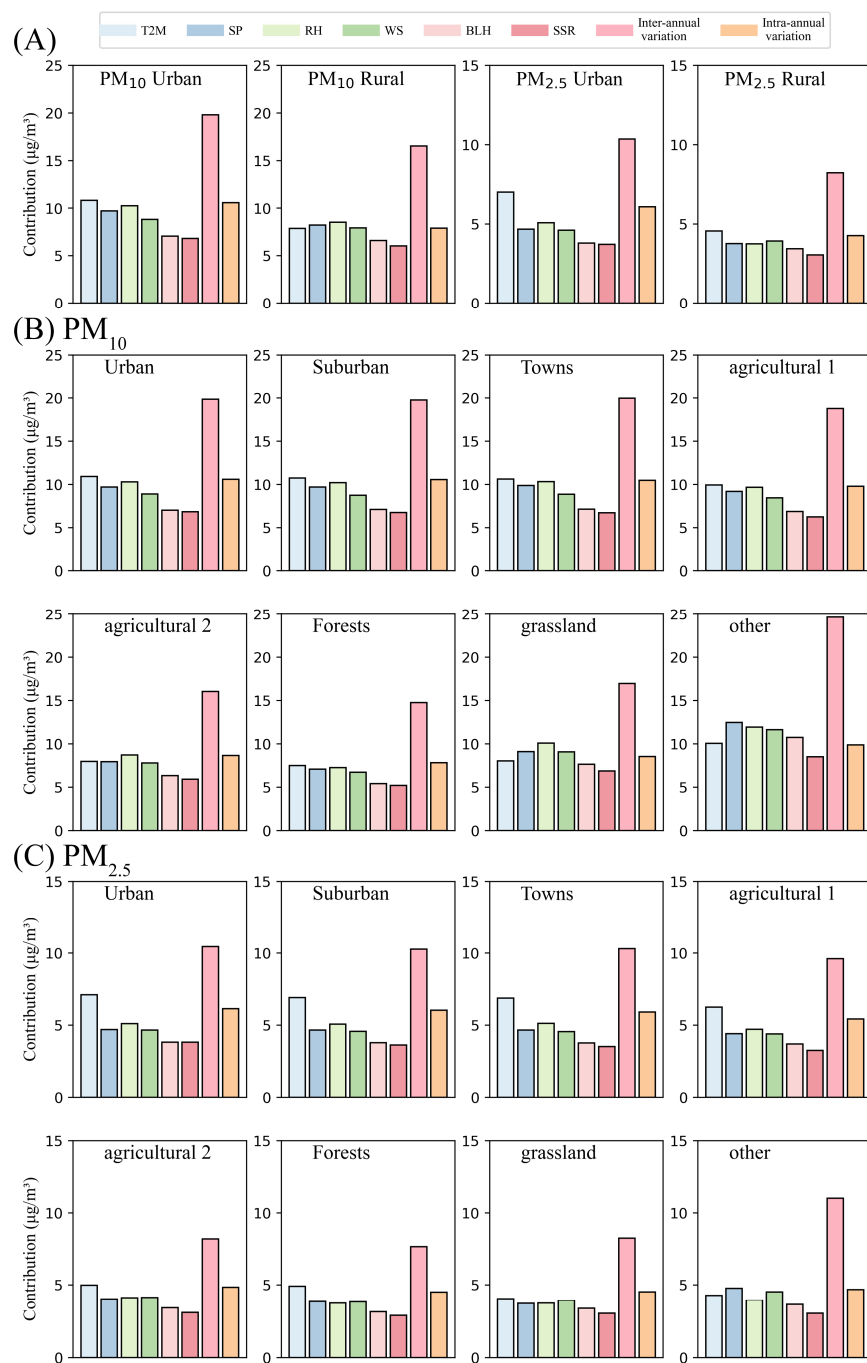**Figure S5. Scatter plot of the relative contributions of various variables to PM2.5.**

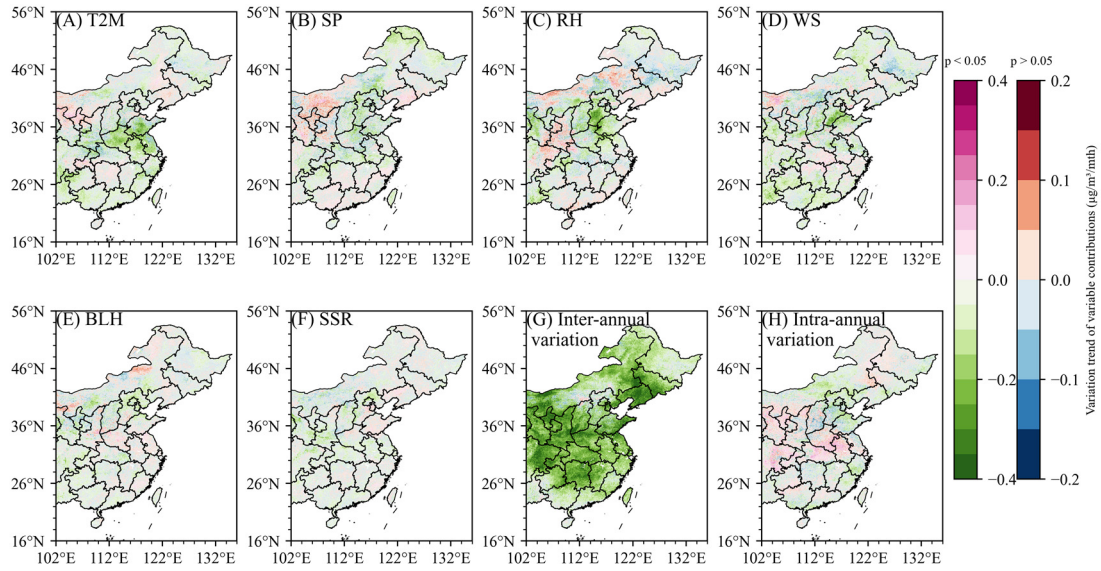Figure S6. Distribution of the relative contribution of each variable to PM2.5 and PM10 in urban and rural areas.

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Figure S7. Trends in the relative contributions of various variables to PM10.
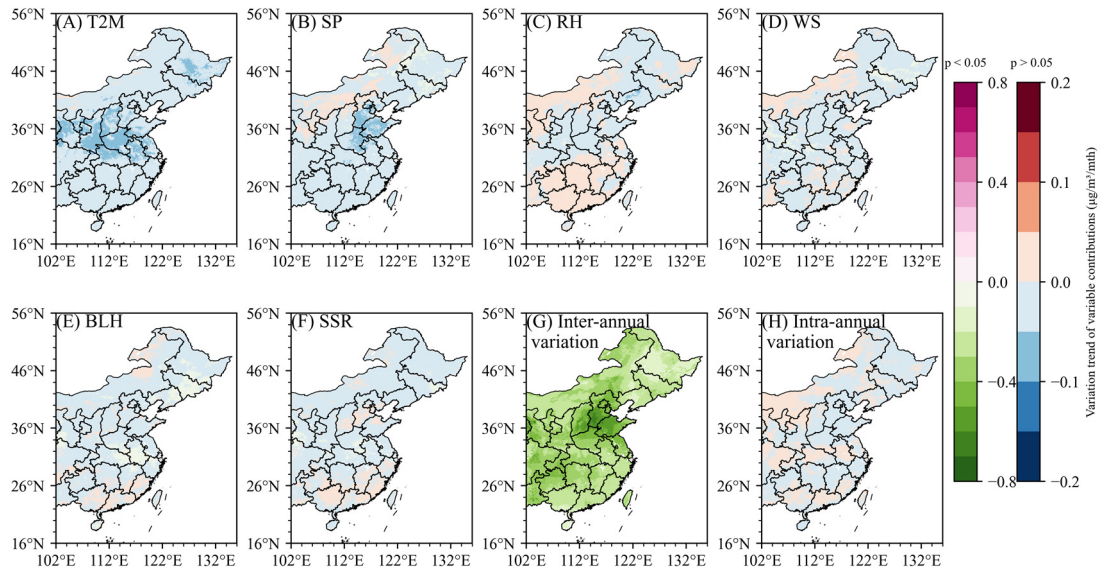
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Figure S8. Trends in the SHAP values of various variables for PM10.
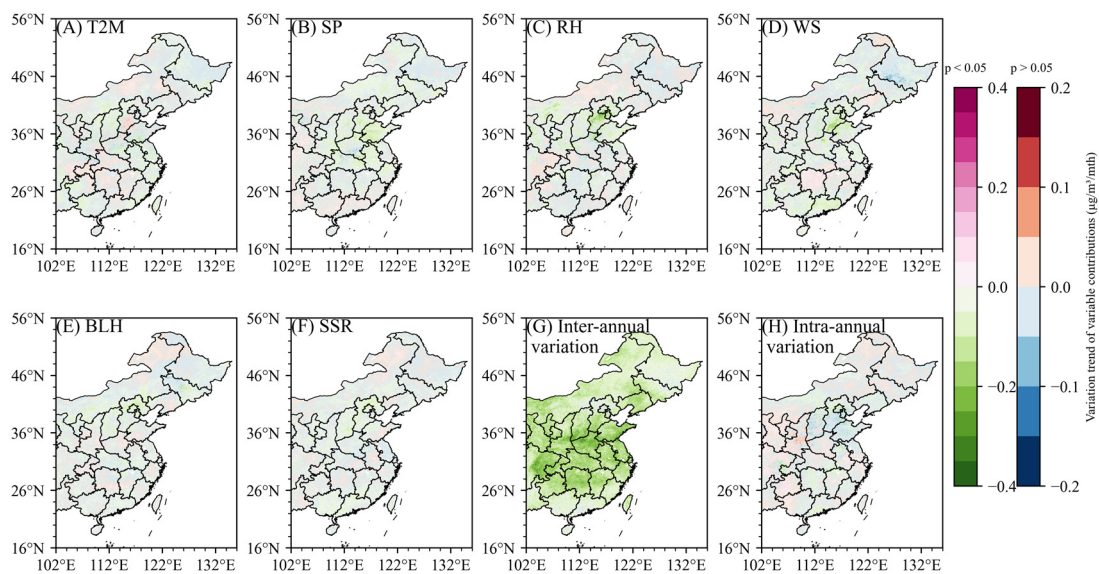
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48 **Figure S9. Trends in the relative contributions of various variables to PM2.5.**
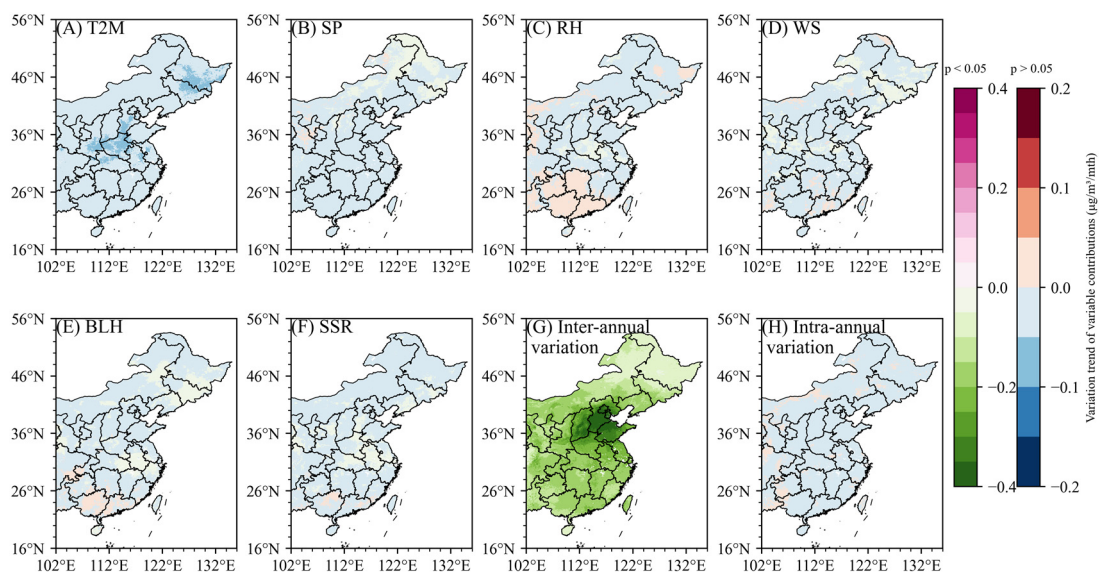
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52 **Figure S10. Trends in the SHAP values of various variables for PM2.5.**

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