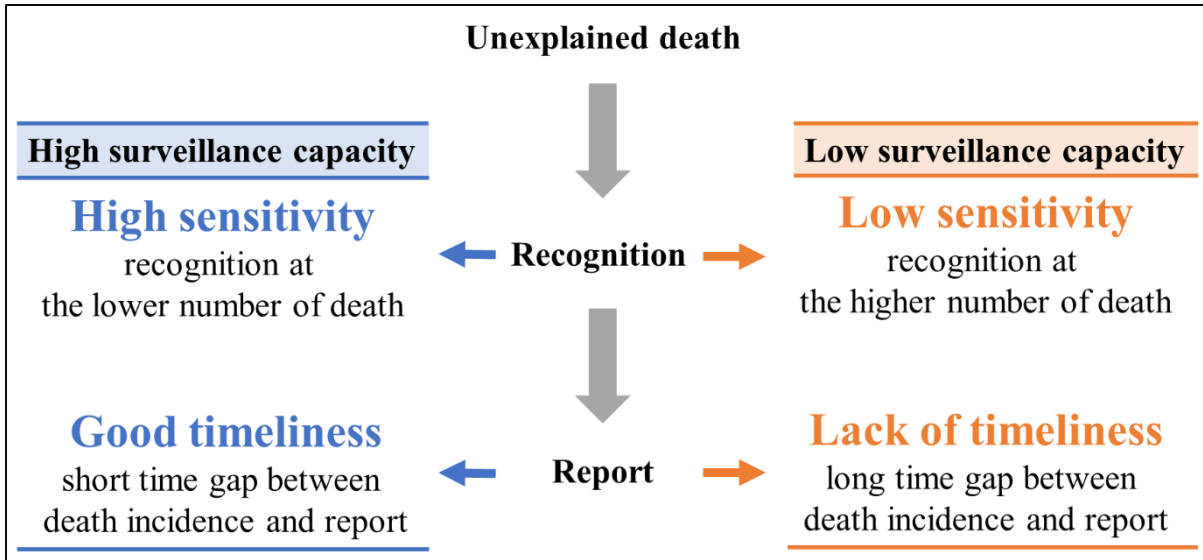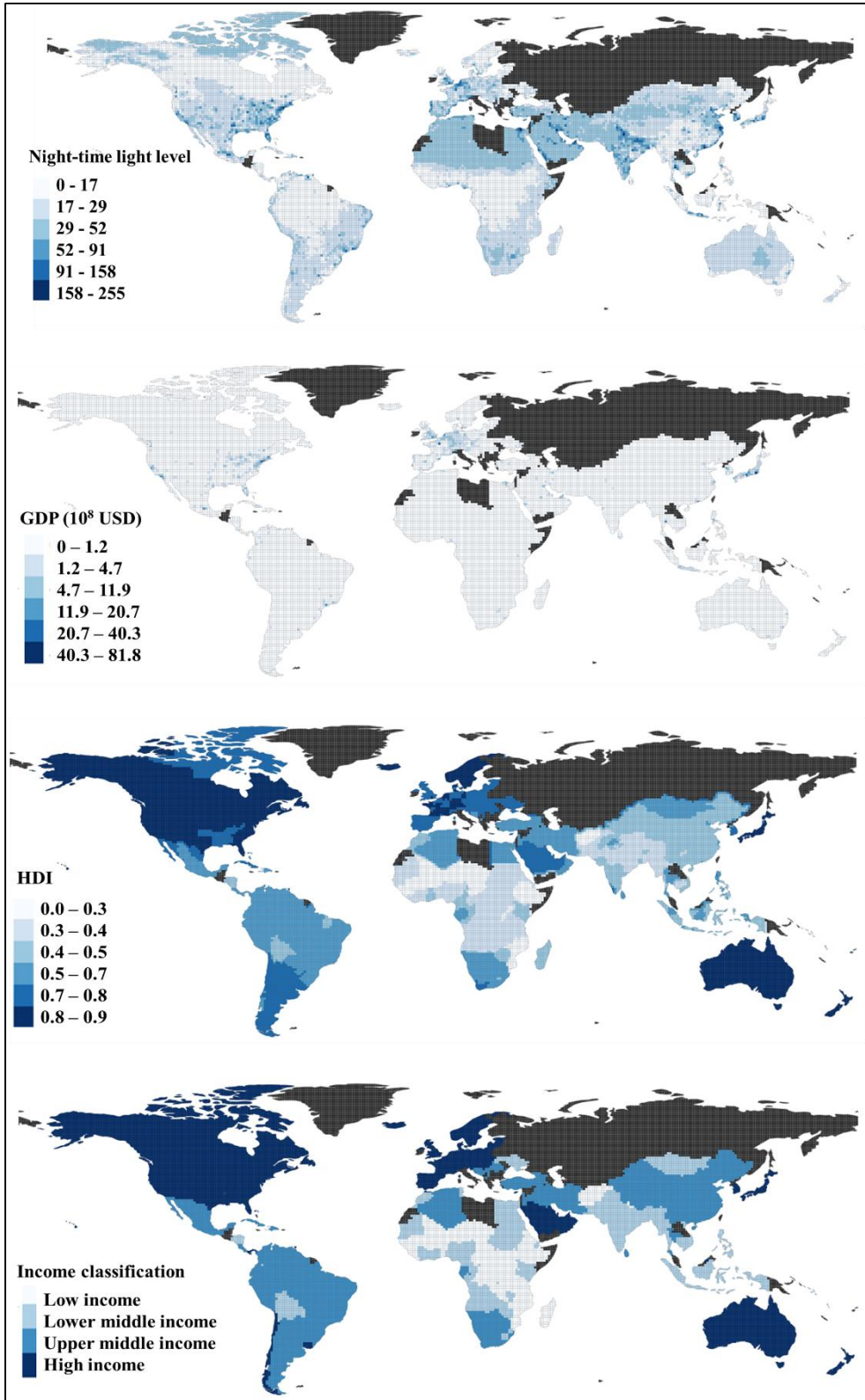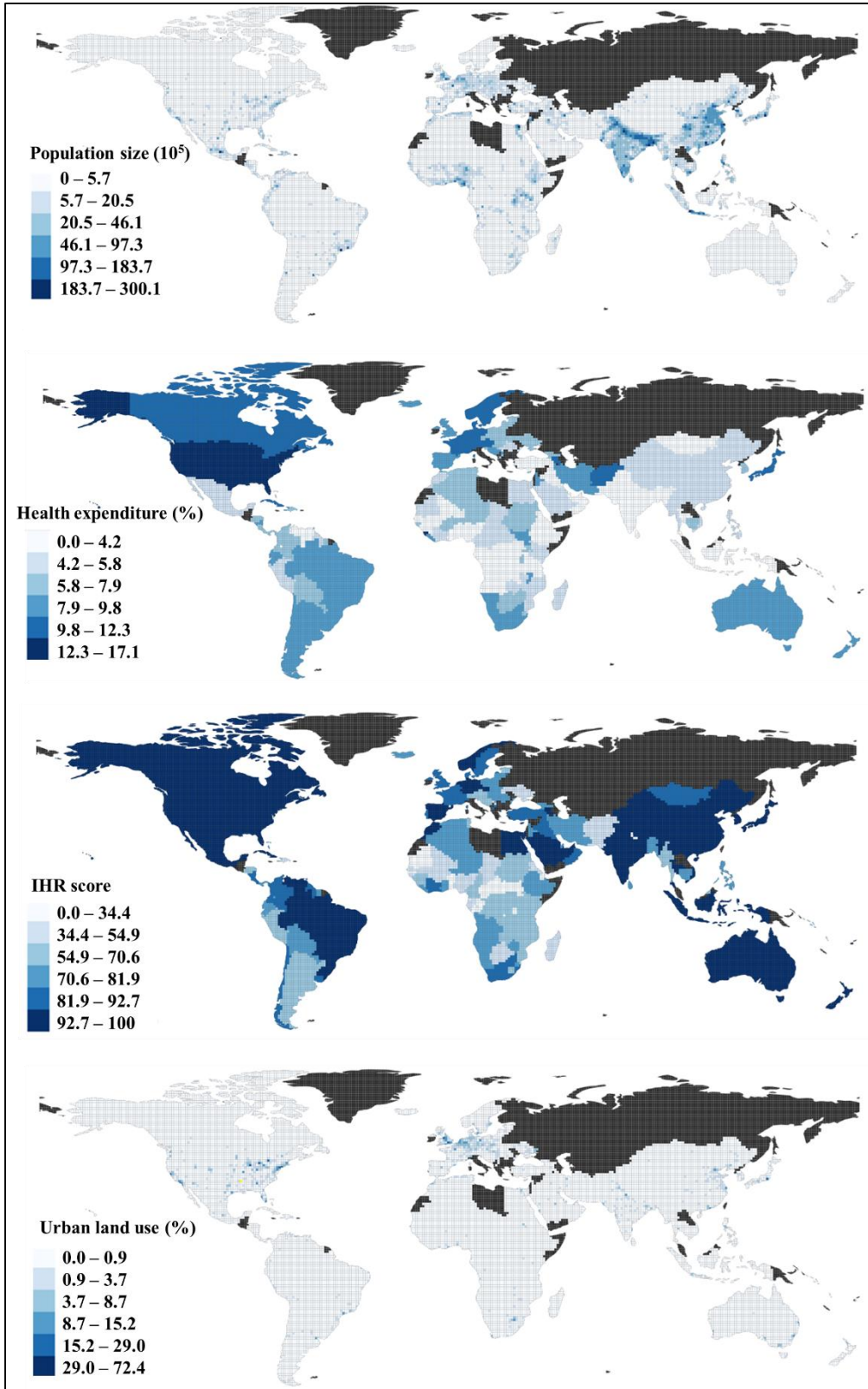1   **SUPPLEMENTARY MATERIALS**

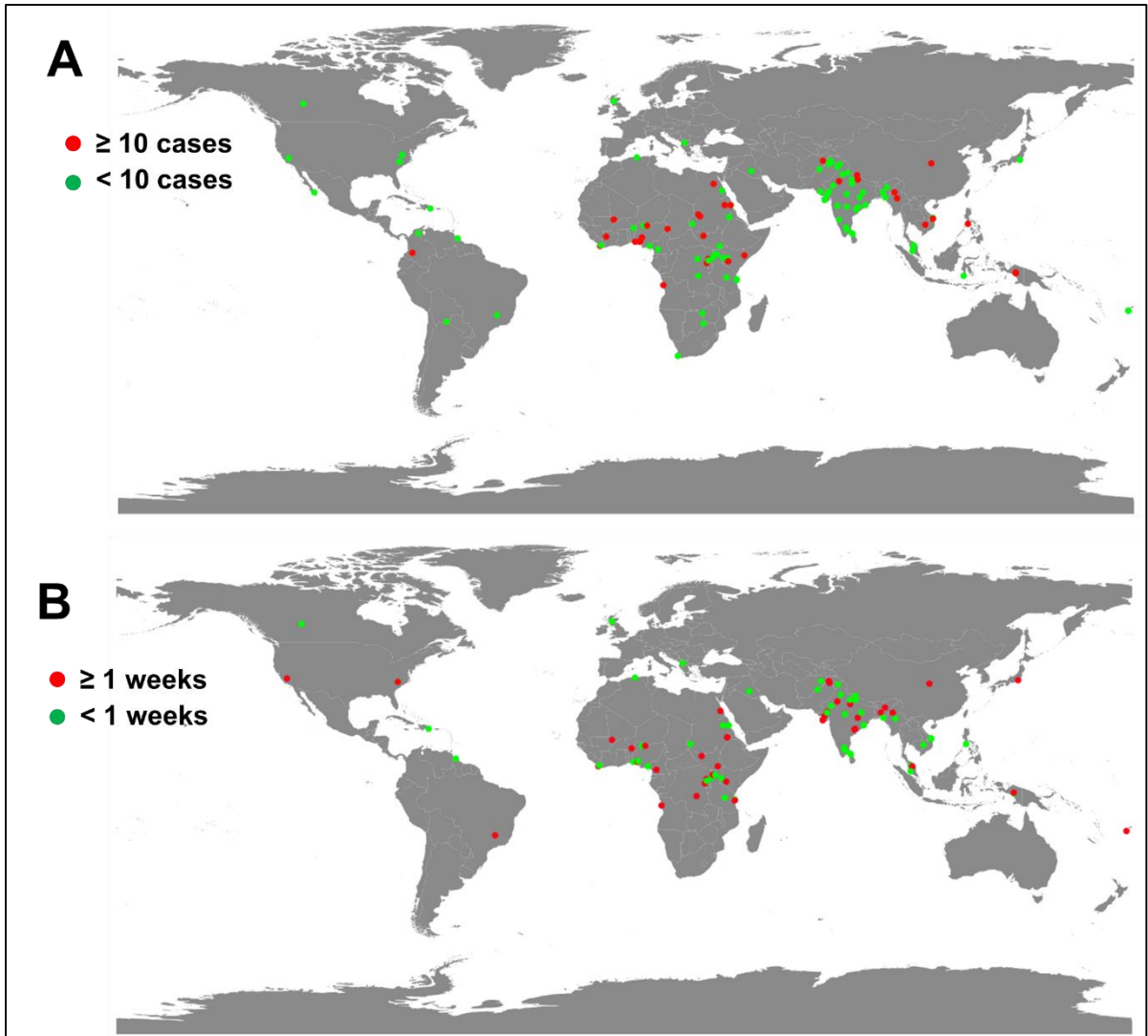3   **Fig. S1. Two indicators for assessment of surveillance capacity for unexplained deaths.**

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Fig. S2. Distribution of predictor variables (Socio-economic variables).

Fig. S3. Distribution of predictor variables (Demographic, public health and geographic variables).

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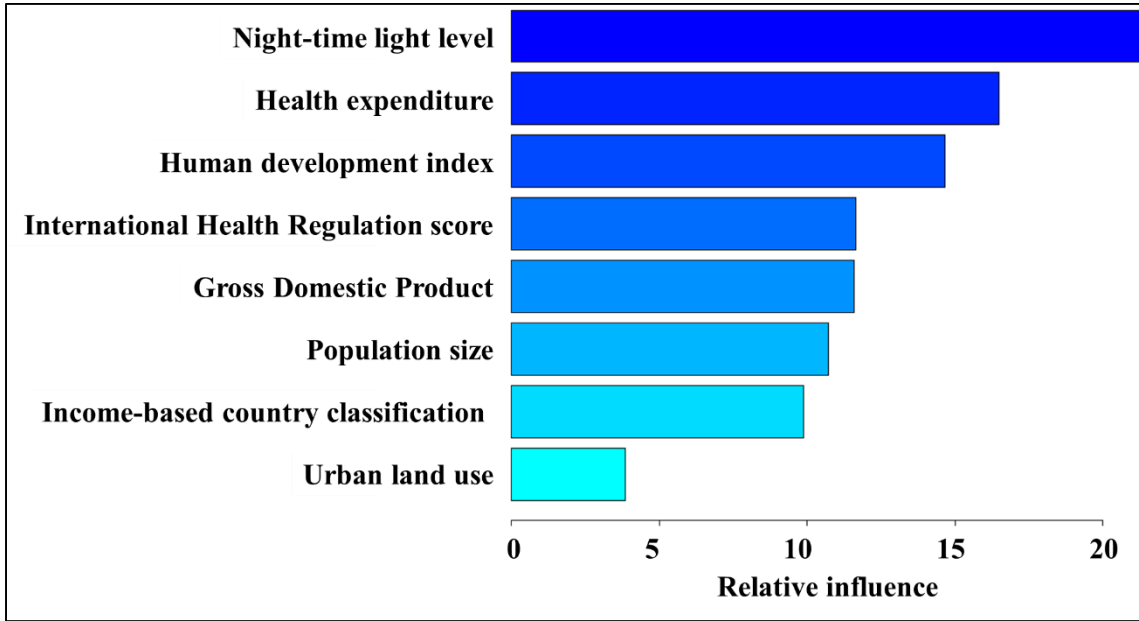**Fig. S4. Geographical distributions of unexplained death events with the number of deaths at the first report (A) and time gaps between death and report (B).**

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Fig. S5. Relative influence by predictors in the boosted regress tree model for predicting areas with low sensitivity of internet-based surveillance for unexplained deaths.