Supplementary Materials

Supplementary Material 3. The results of non–spatial Poisson regression model showing the association between ischemic heart disease mortality and municipal characteristics.

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| 　 | Men | Women |
| Explanatory variables  | Relative risk (95% CI) | p-value | Relative risk (95% CI) | p-value |
| Socioeconomic deprivation level | 1.045 (1.037－1.054) | <0.001 | 1.015 (1.006－1.024) | 0.001 |
| Population density | 1.110 (1.106－1.115) | <0.001 | 1.090 (1.084－1.095) | <0.001 |
| Proportion of young people | 1.145 (1.125－1.165) | <0.001 | 1.142 (1.118－1.166) | <0.001 |
| No. of births\* | 0.862 (0.849－0.875) | <0.001 | 0.877 (0.860－0.893) | <0.001 |
| Proportion of workers engaged in the secondary sector of industries  | 1.036 (1.028－1.044) | <0.001 | 1.036 (1.027－1.046) | <0.001 |
| No. of designated emergency hospitals\* | 1.069 (1.054－1.085) | <0.001 | 1.063 (1.046－1.081) | <0.001 |
| No. of medical clinics\* | 1.016 (1.005－1.027) | 0.006 | 0.985 (0.971－0.998) | 0.025 |
| No. of physicians\* | 0.990 (0.982－0.997) | 0.008 | 0.989 (0.980－0.998) | 0.016 |
| CI, confidence interval. Standardized values were used for all the explanatory variables.  |
| \* Number per 100,000 persons | 　 | 　 | 　 | 　 |