***Epidemiology and Infection***

**Spatiotemporal analysis of tuberculosis incidence and its associated factors in mainland China**

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**Supplementary Material**

**Supplementary Table S1. The sensitivity analyses.**

The AIC value of the final model was 371581.0.

|  |  |  |
| --- | --- | --- |
|  | Model A (AIC= 371582.8) | Model B (371724.7) |
|  | RR | CI | RR | CI |
| GDP per capita  | 0.983 | (0.980,0.985) | 0.979 | (0.977,0.981) |
| Proportion of the elderly | 1.009 | (1.007,1.010) | 1.008 | (1.007,1.010) |
| M:F ratio | 0.702 | (0.678,0.726) | 0.708 | (0.684,0.732) |
| Temperature | 0.992 | (0.992,0.993) | 0.992 | (0.992,0.993) |
| Relative humidity | 1.001 | (1.001,1.001) | 1.001 | (1.001,1.001) |
| Wind speed | 0.981 | (0.979,0.982) | 0.980 | (0.979,0.982) |
| Atmospheric pressure | 0.991 | (0.991,0.991) | 0.991 | (0.991,0.991) |
| Winter(Reference) | - | - | - | - |
| Spring | 1.248 | (1.245,1.251) | 1.248 | (1.245,1.251) |
| Summer | 1.081 | (1.077,1.085) | 1.081 | (1.077,1.085) |
| Autumn | 0.940 | (0.937,0.942) | 0.939 | (0.937,0.942) |
| year | 0.961 | (0.960,0.962) | 0.962 | (0.962,0.963) |
| Year2 | 0.999 | (0.999,0.999) | - | - |
| longitude | 1.043 | (1.010,1.076) | 1.046 | (1.020,1.073) |
| longitude 2 | 1.000 | (0.997,1.002) | - | - |