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| --- | --- | --- | --- |
| **Table 3: Result of the Panel SAC Model Taking Mortality as the Dependent Variable (Model 3)** | | | |
|  | Direct Impacts | Indirect Impacts | Total Impacts |
| Prevalence (cases/1000) | 0.012166\*\*\* | -0.00549\*\*\* | 0.006676\*\*\* |
|  | (0.000291) | (0.000177) | (0.00017) |
| Restriction Stringency | -0.000899\* | 0.000406\* | -0.000493\* |
|  | (0.000477) | (0.000216) | (0.000261) |
| NDVI (%) | -0.005547\*\*\* | 0.002503\*\*\* | -0.003044\*\*\* |
|  | (0.001112) | (0.000507) | (0.000608) |
| Temperature (℃) | -0.028789\*\*\* | 0.012991\*\*\* | -0.015798\*\*\* |
|  | (0.002458) | (0.001142) | (0.001359) |
| NTL | 0.022852\*\*\* | -0.010312\*\*\* | 0.01254\*\*\* |
|  | (0.003825) | (0.001748) | (0.002094) |
| Time Lag of Prevalence (cases/1000) | 0.004716\*\*\* | -0.002128\*\*\* | 0.002588\*\*\* |
|  | (0.000319) | (0.000152) | (0.000176) |
| Time Lag of Mortality (cases/1000) | -0.153623\*\*\* | 0.069323\*\*\* | -0.084301\*\*\* |
|  | (0.006957) | (0.003522) | (0.003843) |
| Spatially lagged dependence coefficient (ρ) | -0. 692590\*\*\* | R2 | 0.2895 |
| Spatially error dependence coefficient (λ) | 0. 8325688\*\*\* |  |  |
| Number of observations | 18612 (N:3102) |  |  |
| Note: the standard errors of the estimated parameters are list in the parentheses.  \*\*\*: p<0.01; \*\*:p<0.05; \*:p<0.1 | | | |