|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Area Model** | | | | | |
|  | | | | | |
|  | Dependent variable: | | | | |
|  |  | | | | |
|  | Log Mangrove Area | | | | |
|  | (1) | (2) | (3) | (4) | (5) |
|  | | | | | |
| SST Hottest Month | 0.058\*\*\* | 0.059\*\*\* | 0.059\*\*\* | 0.060\*\*\* | 0.047\*\*\* |
|  |  |  |  |  |  |
| (SST Hottest Month)2 | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* |
|  |  |  |  |  |  |
| Precipitation | -0.002 | -0.002 | -0.002 | -0.002 | -0.001 |
| (Precipitation)2 | 0.0001 | 0.0001 | 0.0001 | 0.0001\* | 0.0001 |
|  |  |  |  |  |  |
| Log GDP per capita | -0.021 | -0.050\*\* | -0.001 | -0.021 | -0.070\*\*\* |
|  |  |  |  |  |  |
| (Log GDP per capita)2 | 0.001 | 0.003\*\* |  | 0.001 | 0.004\*\*\* |
|  |  |  |  |  |  |
| Country-level Log GDP per capita |  | 0.160 |  |  |  |
|  |  |  |  |  |  |
| (Country-level Log GDP per capita)2 |  | -0.009 |  |  |  |
|  |  |  |  |  |  |
| Log Population |  |  |  | 0.037 |  |
|  |  |  |  |  |  |
| (Log Population)2 |  |  |  | -0.001 |  |
| Lag Gap Density | 0.027\*\*\* | 0.028\*\*\* | 0.027\*\*\* | 0.027\*\*\* | 0.026\*\*\* |
|  |  |  |  |  |  |
| (Lag Gap Density)2 | -0.0004\*\* | -0.0004\*\* | -0.0004\*\* | -0.0004\*\* | -0.0004\*\* |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | | | | | |
| Country trend | NO | NO | NO | NO | Linear |
| Gridcell | YES | YES | YES | YES | YES |
| Year | YES | YES | YES | YES | YES |
| Log Area-weighted | YES | YES | YES | YES | YES |
| Gridcell-level clustered S.E. | YES | YES | YES | YES | YES |
| R-squared (No F.E.) | 0.102 | 0.109 | 0.101 | 0.103 | 0.159 |
| Adjusted R-squared (No F.E.) | 3.20e-04 | 7.74e-03 | 2.84e-05 | 9.93e-04 | 5.58e-02 |
| Observations | 11,180 | 10,510 | 11,180 | 11,180 | 10,930 |
| R2 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 |
| Adjusted R2 | 0.999 | 0.999 | 0.999 | 0.999 | 0.999 |
| Residual Std. Error | 0.106 (df = 10045) | 0.109 (df = 9438) | 0.106 (df = 10046) | 0.106 (df = 10043) | 0.104 (df = 9738) |
|  | | | | | |
| Note: | \*p<0.1;\*\*p<0.05;\*\*\*p<0.0 | | | | |