|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Area Model** | | | | |
|  | | | | |
|  | Dependent variable: | | | |
|  |  | | | |
|  | Log Mangrove Area | | | |
|  | (1) | (2) | (3) | (4) |
|  | | | | |
| SST Hottest Month | 0.047\*\*\* | 0.043\*\*\* | 0.050\*\*\* | 0.050\*\*\* |
| (SST Hottest Month)2 | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* |
| Precipitation | -0.001 | 0.00002 | -0.001 | -0.001 |
| (Precipitation)2 | 0.0001 | 0.00001 | 0.0001 | 0.0001 |
| Log GDP per capita | -0.070\*\*\* |  |  |  |
| (Log GDP per capita)2 | 0.004\*\*\* |  |  |  |
| Log Nighttime Lightspre-2011 |  | -0.007 |  |  |
| Log Nighttime Lightspost-2011 |  | 0.003 |  |  |
| (Log Nighttime Lightspre-2011)2 |  | -0.001\*\* |  |  |
| (Log Nighttime Lightspost-2011)2 |  | -0.0002 |  |  |
| Log Population |  |  | 0.107 | 0.107 |
| (Log Population)2 |  |  | -0.004 | -0.004 |
| Log GDP |  |  | -0.048\*\* |  |
| (Log GDP)2 |  |  | 0.001\*\* |  |
| Log GDP50km-buffer |  |  |  | -0.056\*\* |
| (Log GDP50km-buffer)2 |  |  |  | 0.001\*\* |
| Lag Gap Density | 0.026\*\*\* | 0.028\*\*\* | 0.028\*\*\* | 0.028\*\*\* |
| (Lag Gap Density)2 | -0.0004\*\* | -0.0004\*\* | -0.0004\*\* | -0.0004\*\* |
| Country trend | YES | YES | YES | YES |
| Gridcell F.E. | YES | YES | YES | YES |
| Year F.E. | YES | YES | YES | YES |
| Log Area-weighted | YES | YES | YES | YES |
| Gridcell-level clustered S.E. | YES | YES | YES | YES |
| R-squared (No F.E.) | 0.159 | 0.170 | 0.169 | 0.169 |
| Adjusted R-squared (No F.E.) | 0.0558 | 0.0589 | 0.0575 | 0.0575 |
| Observations | 10,930 | 9,600 | 9,600 | 9,600 |
| R2 | 0.999 | 0.999 | 0.999 | 0.999 |
| Adjusted R2 | 0.999 | 0.999 | 0.999 | 0.999 |
| Residual Std. Error | 0.104 (df = 9738) | 0.108 (df = 8461) | 0.108 (df = 8461) | 0.108 (df = 8461) |
|  | | | | |
| Note: | \*p\*\*p\*\*\*p<0.01 | | | |