|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Gap Model** | | | | | | |  |  |
|  | | | | | | |  |  |
|  | Dependent variable: | | | | | |  |  |
|  |  | | | | | |  |  |
|  | Log Gap Density | | | | | |  |  |
|  | (1) | (2) | | (3) | | (4) |  |  |
|  | | | | | | |  |  |
| Log GDP | -0.015 |  | |  | |  |  |  |
| (Log GDP)2 | -0.00003 |  | |  | |  |  |  |
| Log GDP10km-buffer |  | -0.004 | |  | |  |  |  |
| (Log GDP10km-buffer)2 |  | -0.0002 | |  | |  |  |  |
| Log GDP50km-buffer |  |  | | 0.179\*\* | |  |  |  |
| (Log GDP50km-buffer)2 |  |  | | -0.004\* | |  |  |  |
| Log GDP100km-buffer |  |  | |  | | 0.201\*\* |  |  |
| (Log GDP100km-buffer)2 |  |  | |  | | -0.005\*\* |  |  |
| Log GDP300km-buffer | | |  | |  | | 0.216\*\* |  |
| (Log GDP300km-buffer)2 | | | | | | | -0.005\*\* |  |
| Log GDP500km-buffer | | | | | | |  | 0.178 |
| (Log GDP500km-buffer)2 | | | | | | |  | -0.004 |
| Country trend | Linear | Linear | | Linear | | Linear | Linear | Linear |
| Gridcell F.E. | YES | YES | | YES | | YES | YES | YES |
| Year F.E. | YES | YES | | YES | | YES | YES | YES |
| Log Area-weighted | YES | YES | | YES | | YES | YES | YES |
| Gridcell-level clustered S.E. | YES | YES | | YES | | YES | YES | YES |
| R-squared (No F.E.) | 0.0700 | 0.0696 | | 0.0708 | | 0.0709 | 0.0708 | 0.0700 |
| Adjusted R-squared (No F.E.) | -0.0432 | -0.0436 | | -0.0423 | | -0.0421 | -0.0423 | -0.0432 |
| Observations | 10,923 | 10,923 | | 10,923 | | 10,923 | 10,923 | 10,923 |
| R2 | 0.948 | 0.948 | | 0.948 | | 0.948 | 0.948 | 0.948 |
| Adjusted R2 | 0.941 | 0.941 | | 0.942 | | 0.942 | 0.942 | 0.941 |
| Residual Std. Error (df = 9737) | 0.244 | 0.244 | | 0.244 | | 0.244 | 0.244 | 0.244 |
|  | | | | | | |  |  |
| Note: | \*p\*\*p\*\*\*p<0.01 | | | | | |  |  |