**COLOMBIA**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -67.081\*\*\*  (2.988) | -64.276\*\*\*  (2.883) | | -67.081\*\*\*  (3.011) | -67.081\*\*\*  (1.398) | -67.081\*\*\*  (2.747) | | -65.289\*\*\*  (2.751) | -65.289  (NA) |
|  | Time | | 0.328\*\*\*  (0.022) | 0.328\*\*\*  (0.021) | | 0.328\*\*\*  (0.012) | 0.328\*\*  (0.043) | 0.328\*\*\*  (0.050) | | 0.353\*\*\*  (0.050) | 0.353  (NA) |
|  | Time\*\*2 | |  |  | |  |  |  | | -3.832e-4\*\*\*  (4.08e-5) | -3.832e-4  (NA) |
|  | Stringency index | | 0.029  (0.028) | 0.029  (0.027) | | 0.029\*  (0.015) | 0.029  (0.013) | 0.029\*\*\*  (0.003) | | 0.004  (0.004) | 0.004  (NA) |
|  | Category | |  | -1.402\*\*\*  (0.194) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 5.689 |  | 6.107 | | 6.107 | 5.202 |
|  | Time (Cat) | |  |  | |  | 0.094 | 0.111 | | -0.111 | 6.95e-11 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 9.503e-4 |
|  |  | AIC | | 3702.989 | 3654.923 | | 3046.474 | 2891.941 | 1227.773 | | 1147.964 | NA |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |