**COLOMBIA**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -42.051\*\*\*  (3.776) | -32.653\*\*\*  (2.390) | | -42.051\*\*\*  (3.813) | -42.051\*\*\*  (2.678) | -42.051\*\*\*  (5.321) | | -40.096\*\*\*  (5.324) | -40.096\*\*\*  (5.417) |
|  | Time | | 0.153\*\*\*  (0.027) | 0.153\*\*\*  (0.017) | | 0.153\*\*\*  (0.008) | 0.153\*\*\*  (0.047) | 0.153\*\*\*  (0.034) | | 0.180\*\*\*  (0.034) | 0.180\*\*\*  (0.039) |
|  | Time\*\*2 | |  |  | |  |  |  | | -4.182e-4\*\*\*  (4.63e-5) | -4.182e-4\*\*\*  (7.43e-4) |
|  | Stringency index | | 0.035  (0.035) | 0.035  (0.022) | | 0.0351\*\*\*  (0.010) | 0.035  (0.025) | 0.035\*\*\*  (0.003) | | 0.009\*\*  (0.004) | 0.009\*\*  (0.004) |
|  | Category | |  | -4.699\*\*\*  (0.161) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 8.151 |  | 11.875 | | 11.875 | 12.094 |
|  | Time (Cat) | |  |  | |  | 0.095 | 0.075 | | 0.075 | 0.086 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 1.311e-4 |
|  |  | AIC | | 3962.783 | 3447.005 | | 2648.265 | 3606.993 | 1354.837 | | 1280.883 | 1274.475 |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |