**CHILE**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -47.899\*\*\*  (7.106) | -43.327\*\*\*  (7.017) | | -47.899\*\*\*  (7.004) | -47.899\*\*\*  (3.690) | -47.900\*\*\*  (7.096) | | -45.531\*\*\*  (7.105) | -45.534\*\*\*  (7.091) |
|  | Time | | 0.147\*\*\*  (0.049) | 0.147\*\*\*  (0.048) | | 0.147\*\*\*  (0.013) | 0.147  (0.103) | 0.147\*\*\*  (0.057) | | 0.187\*\*\*  (0.057) | 0.187\*\*\*  (0.062) |
|  | Time\*\*2 | |  |  | |  |  |  | | -5.994e-4\*\*\*  (1.013e-4) | -5.994e-4\*\*\*  (1.126e-4) |
|  | Stringency index | | -0.012  (0.067) | -0.012  (0.065) | | -0.012  (0.017) | -0.012  (0.034) | -0.012\*  (0.006) | | -0.045\*\*\*  (0.008) | -0.045\*\*\*  (0.008) |
|  | Category | |  | -2.286\*\*\*  (0.472) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 15.095 |  | 15.799 | | 15.799 | 15.768 |
|  | Time (Cat) | |  |  | |  | 0.222 | 0.127 | | 0.126 | 0.136 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 1.109e-4 |
|  |  | AIC | | 4385.463 | 4364.552 | | 3018.868 | 3727.528 | 1966.063 | | 1934.216 | 1937.961 |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |