**CHILE**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -43.807\*\*\*  (5.192) | -33.104\*\*\*  (3.926) | | -43.807\*\*\*  (5.116) | -42.807\*\*\*  (3.427) | -43.807\*\*\*  (6.607) | | -41.500\*\*\*  (6.613) | -41.500\*\*\*  (6.631) |
|  | Time | | 0.107\*\*\*  (0.036) | 0.107\*\*\*  (0.027) | | 0.107\*\*\*  (0.009) | 0.107  (0.068) | 0.107\*\*\*  (0.038) | | 0.146\*\*\*  (0.038) | 0.146\*\*\*  (0.040) |
|  | Time\*\*2 | |  |  | |  |  |  | | -5.839-4\*\*\*  (8.18e-5) | -5.839e-4\*\*\*  (8.57e-5) |
|  | Stringency index | | -0.013  (0.049) | -0.013  (0.037) | | -0.013  (0.012) | -0.013  (0.032) | -0.013\*\*  (0.005) | | -0.045\*\*\*  (0.007) | -0.045\*\*\*  (0.007) |
|  | Category | |  | -5.351\*\*\*  (0.264) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 11.078 |  | 14.726 | | 14.726 | 14.765 |
|  | Time (Cat) | |  |  | |  | 0.143 | 0.084 | | 0.084 | 0.089 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 5.79e-5 |
|  |  | AIC | | 4055.881 | 3754.947 | | 2622.440 | 3646.253 | 1748.566 | | 1701.986 | NA |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |