**CHILE**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -49.150\*\*\*  (1.356) | -44.578\*\*\*  (1.629) | | -49.150\*\*\*  (6.760) | -49.150\*\*\*  (0.704) | -49.150\*\*\*  (7.066) | | -49.538\*\*\*  (7.068) | -49.539\*\*\*  (7.054) |
|  | Time | | 0.154\*\*\*  (0.023) | 0.154\*\*\*  (0.022) | | 0.154\*\*\*  (0.006) | 0.154  (0.100) | 0.154\*\*\*  (0.056) | | 0.177\*\*\*  (0.057) | 0.177\*\*\*  (0.062) |
|  | Time\*\*2 | |  |  | |  |  |  | | -2.177e-4\*\*\*  (7.61e-5) | -2.177e-4\*\*  (9.08e-5) |
|  | Category | |  | -2.286\*\*\*  (0.472) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 15.096 |  | 15.798 | | 15.799 | 15.767 |
|  | Time (Cat) | |  |  | |  | 0.222 | 0.126 | | 0.126 | 0.136 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 1.1111e-4 |
|  |  | AIC | | 4383.495 | 4362.586 | | 3017.335 | 3725.647 | 1967.847 | | 1961.737 | NA |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |