**ARGENTINA**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -32.272\*\*\*  (0.525) | -29.054\*\*\*  (0.572) | | -32.272\*\*\*  (2.515) | -32.272\*\*\*  (0.242) | -32.272\*\*\*  (1.606) | | -34.779\*\*\*  (1.614) | -34.770  (NA) |
|  | Time | | 0.286\*\*\*  (0.008) | 0.286\*\*\*  (0.007) | | 0.286\*\*\*  (0.004) | 0.286\*\*\*  (0.039) | 0.286\*\*\*  (0.022) | | 0.424\*\*\*  (0.024) | 0.424  (NA) |
|  | Time\*\*2 | |  |  | |  |  |  | | -1.250e-3\*\*\*  (8.41e-5) | -1.250e-3 |
|  | Category | |  | -2.145\*\*\*  (0.213) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 5.009 |  | 3.189 | | 3.197 | 3.197 |
|  | Time (Cat) | |  |  | |  | 0.078 | 0.0432 | | 0.043 | 0.043 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 4.55e-8 |
|  |  | AIC | | 2790.967 | 2701.910 | | 2082.456 | 2129.137 | 1923.034 | | 1746.181 | NA |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |