**COLOMBIA**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -64.062\*\*\*  (0.570) | -61.257\*\*\*  (0.669) | | -64.062\*\*\*  (2.563) | -64.062\*\*\*  (0.268) | -64.062\*\*\*  (2.731) | | -64.897\*\*\*  (2.732) | -64.897\*\*\*  (2.621) |
|  | Time | | 0.308\*\*\*  (0.009) | 0.308\*\*\*  (0.009) | | 0.308\*\*\*  (0.005) | 0.308\*\*\*  (0.042) | 0.308\*\*\*  (0.050) | | 0.354\*\*\*  (0.050) | 0.354\*\*\*  (0.046) |
|  | Time\*\*2 | |  |  | |  |  |  | | -4.181e-4\*\*\*  (2.88-5) | -4.181e-4\*\*\*  (6.29e-5) |
|  | Category | |  | -1.402\*\*\*  (0.194) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (Cat) | |  |  | | 5.689 |  | 6.106 | | 6.107 | 5.859 |
|  | Time (Cat) | |  |  | |  | 0.094 | 0.111 | | 0.111 | 0.103 |
|  | Time\*\*2 (Cat) | |  |  | |  |  |  | |  | 1.257e-4 |
|  |  | AIC | | 3702.047 | 3654.081 | | 3048.111 | 2894.756 | 1324.048 | | 1147.409 | NA |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |