**ARGENTINA**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Categories** | **Effects** | **Parameter** | | **Model 1** | **Model 2** | | **Model 3** | **Model 4** | **Model 5** | | **Model 6** | **Model 7** |
| Density | Fixed effects  (coefficients) | Intercept | | -25.750\*\*\*  (0.287) | -22.851\*\*\*  (0.336) | | -25.992\*\*\*  (1.663) | -25.750\*\*\*  (0.263) | -26.082\*\*\*  (1.965) | | -27.945\*\*\*  (1.984) | -27.946\*\*\*  (1.988) |
|  | Time | | 0.298\*\*\*  (0.005) | 0.298\*\*\*  (0.004) | | 0.298\*\*\*  (0.004) | 0.295\*\*\*  (0.022) | 0.300\*\*\*  (0.012) | | 0.402\*\*\*  (0.019) | 0.402\*\*\*  (0.019) |
|  | Time\*\*2 | |  |  | |  |  |  | | -9.326e-4\*\*\*  (1.364e-4) | -9.33e-4\*\*\*  (1.353e-4) |
|  | Origin | |  | -1.512\*\*\*  (0.100) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (O) | |  |  | | 3.675 |  | 4.359 | | 4.359 | 4.369 |
|  | Time (O) | |  |  | |  | 0.048 | 0.025 | | 0.025 | 0.025 |
|  | Time\*\*2 (O) | |  |  | |  |  |  | |  | 4.67e-06 |
|  |  | AIC | | 18276.031 | 18060.635 | | 17621.422 | 17840.008 | 17598.875 | | 17554.548 | NA |
| RDI | Fixed effects (coefficients) | Intercept | | -8.496\*\*\*  (1.170) | -14.939\*\*\*  (1.224) | | -6.713\*  (3.985) | -8.496\*\*\*  (1.133) | -5.819  (5.847) | | -6.291  (NA) | -6.291  (5.967) |
|  | Time | | 0.371\*\*\*  (0.018) | 0.371\*\*\*  (0.107) | | 0.371\*\*\*  (0.017) | 0.390\*\*\*  (0.046) | 0.355\*\*\*  (0.038) | | 0.381  (NA) | 0.381\*\*\*  (0.076) |
|  | Time\*\*2 | |  |  | |  |  |  | | -2.36e-4 | -2.357e-4  (5.982e-4) |
|  | Origin | |  | 8.285\*\*\*  (0.702) | |  |  |  | |  |  |
|  | Random effects (variance) | Intercept (O) | |  |  | | 6.630 |  | 9.934 | | 9.933 | 9.935 |
|  | Time (O) | |  |  | |  | 0.0073 | 0.059 | | 0.059 | 0.059 |
|  | Time\*\*2 (O) | |  |  | |  |  |  | |  | 3.58e-39 |
|  |  | AIC | | 8682.456 | 8554.074 | | 8568.339 | 8629.552 | 8561.612 | | 8563.456 | NA |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | |  | | |  | | | |  | | |