**CHILE**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **OD categories** | | **Effects** | **Parameter** | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** |
| Density | | Fixed effects (coefficients) | Intercept | -47.2\*\*\*  (0.3) | -42.6\*\*\*  (0.4) | -48.0\*\*\*  (2.0) | -47.2\*\*\*  (0.3) | -47.6\*\*\*  (1.0) |
|  | | Time | 0.299\*\*\*  (0.006) | 0.299\*\*\*  (0.005) | 0.299\*\*\*  (0.005) | 0.29\*\*\*  (0.03) | 0.296\*\*\*  (0.010) |
|  | | Origin |  | -2.55\*\*\*  (0.12) |  |  |  |
|  | | Random effects (variance) | Intercept (O) |  |  | 15.2  (4.0) |  | 8.3  (2.9) |
|  | | Time (O) |  |  |  | 0.004  (0.061) | 0.0004  (0.0199) |
|  | |  | AIC | 19002.5 | 18555.4 | 18474.1 | 18543.3 | 18463.7 |
| RDI | | Fixed effects (coefficients) | Intercept | -36.4\*\*\*  (0.8) | -42.8\*\*\*  (0.8) | -34.5\*\*\*  (4.0) | -36.4\*\*\*  (0.7) | -34.1\*\*\*  (5.2) |
|  | | Time | 0.38\*\*\*  (0.01) | 0.38\*\*\*  (0.01) | 0.38\*\*\*  (0.01) | 0.41\*\*\*  (0.06) | 0.37\*\*\*  (0.02) |
|  | | Origin |  | 8.2\*\*\*  (0.4) |  |  |  |
|  | | Random effects (variance) | Intercept (O) |  |  | 53.5  (7.0) |  | 80.06  (8.96) |
|  | | Time (O) |  |  |  | 0.009  (0.097) | 0.0010  (0.0316) |
|  | |  | AIC | 7467.4 | 7176.8 | 7167.3 | 7294.1 | 7164.8 |
|  | \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 | | | | | | | |