## **ARGENTINA**

| OD categories                  | Effects                         | Parameter     | Model 1              | Model 2             | Model 3             | Model 4           | Model 5            |
|--------------------------------|---------------------------------|---------------|----------------------|---------------------|---------------------|-------------------|--------------------|
| Density                        |                                 | Intercept     | -25.7***<br>(0.3)    | -22.6***<br>(0.3)   | -26.0***<br>(1.7)   | -25.7***<br>(0.3) | -26.1***<br>(2.0)  |
|                                | Fixed effects                   | Time          | 0.2982***<br>(0.005) | 0.298***<br>(0.004) | 0.298***<br>(0.004) | 0.30***<br>(0.02) | 0.30***<br>(0.01)  |
|                                |                                 | Origin        |                      | -1.51***<br>(0.10)  |                     |                   |                    |
|                                | Random effects<br>(variance)    | Intercept (O) |                      |                     | 13.5<br>(3.7)       |                   | 19.0<br>(4.4)      |
|                                |                                 | Time (O)      |                      |                     |                     | 0.002<br>(0.048)  | 0.0006<br>(0.0249) |
|                                |                                 | AIC           | 18276.0              | 18060.6             | 17621.4             | 17840.0           | 17598.9            |
| RDI                            | Fixed effects<br>(coefficients) | Intercept     | -8.5***<br>(1.2)     | -14.9***<br>(1.2)   | -6.7*<br>(4.0)      | -8.5***<br>(1.1)  | -5.82<br>(5.85)    |
|                                |                                 | Time          | 0.37***<br>(0.02)    | 0.37***<br>(0.02)   | 0.37***<br>(0.02)   | 0.39***<br>(0.05) | 0.36***<br>(0.04)  |
|                                |                                 | Origin        |                      | 8.3***<br>(0.7)     |                     |                   |                    |
|                                | Random effects (variance)       | Intercept (O) |                      |                     | 44.0<br>(6.6)       |                   | 98.7<br>10.0       |
|                                |                                 | Time (O)      |                      |                     |                     | 0.005<br>(0.073)  | 0.003<br>(0.060)   |
|                                |                                 | AIC           | 8682.5               | 8554.1              | 8568.3              | 8629.6            | 8561.6             |
| * p<0.1, ** p<0.05, *** p<0.01 |                                 |               |                      |                     |                     |                   |                    |