**S1. Table. Age-Period-Cohort model**

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| $log\left\{\frac{θ\_{ijk}}{N\_{ijk}}\right\}=μ+α\_{i}+β\_{j}+γ\_{k}$  |
|  |
| **Where:** |
| $log\left\{\frac{θ\_{ijk}}{N\_{ijk}}\right\}$, logarithm of the expected value of mortality rate or incidence |
| $μ$, represents the average effect  |
| $α\_{i}$, represents the age effect |
| $β\_{j}$, represents the period effect  |
| $γ\_{k}$, is the cohort variable  |

Source: Own elaboration.