**SUPPLEMENTARY MATERIAL**

1. **Table S1. Impact of covariates for each Spanish CCAA. Reported values correspond to the median and percentiles 2.5% and 97.5% of the corresponding posterior distribution.**

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| --- | --- | --- |
| **CCAA** | **Parameter** | **Estimate (95% CrI)** |
| Andalucía |  | -1.71 (-2.66, -0.68) |
|  | -1.67 (-2.31, -0.39) |
| Aragón |  | -1.06 (-1.36, -0.69) |
|  | 0.76 (0.17, 1.43) |
| Asturies |  | -0.90 (-1.77, -0.63) |
|  | 0.44 (0.11, 0.69) |
| Cantabria |  | -0.53 (-1.29, -0.25) |
|  | -0.44 (-0.71, 0.002) |
| Castilla y León |  | -1.22 (-1.88, -0.60) |
|  | -0.84 (-1.33, -0.23) |
| Castilla – La Mancha |  | -0.80 (-1.11, -0.40) |
|  | 0.06 (-0.18, 0.44) |
| Canarias |  | -1.34 (-1.78, -1.06) |
|  | -0.92 (-2.06, -0.29) |
| Catalunya |  | -1.51 (-1.97, -0.94) |
|  | -0.25 (-0.52, 0.21) |
| Ceuta |  | -1.38 (-1.93, -0.84) |
|  | 0.007 (-0.52, 0.34) |
| Extremadura |  | -0.72 (-1.30, -0.37) |
|  | 1.45 (1.24, 1.83) |
| Galiza |  | -2.03 (-3.07, -1.34) |
|  | -0.20 (-0.53, 0.18) |
| Illes Balears |  | -0.72 (-1.16, -0.34) |
|  | 0.74 (0.43, 1.01) |
| Región de Murcia |  | -1.97 (-3.07, -0.59) |
|  | 0.62 (-0.02, 1.36) |
| Madrid |  | -0.35 (-0.77, -0.07) |
|  | 0.35 (-0.39, 0.59) |
| Nafarroa |  | -2.05 (-3.20, -1.33) |
|  | -1.71 (-1.92, -0.53) |
| Euskadi |  | -0.10 (-0.24, 0.00) |
|  | -0.42 (-0.69, -0.21) |
| La Rioja |  | -0.43 (-0.71, -0.22) |
|  | -0.83 (-1.08, -0.35) |
| Melilla |  | -1.59 (-2.05, -0.93) |
|  | -0.48 (-0.82, -0.11) |
| País Valencià |  | -1.70 (-2.64, -0.52) |
|  | 1.45 (1.24, 1.83) |