**Appendix Table A5.** Estimates of country-level variables from multilevel models and two-step approach

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Parameter estimates (standard errors) | | | | | |
| Method | Net replacement  rate | Log  (payment duration) | Log  (qualifying period) | Social expenditure | Log  (GDP per capita) | Log  (population) |
| Multilevel logistic model | -0.006\*\*  (0.002) | -0.165\*\*  (0.049) | 0.234\*\*\*  (0.054) | 0.062\*\*\*  (0.012) | -0.711\*\*\*  (0.083) | -0.179\*\*\*  (0.045) |
| Multilevel linear probability model | -0.002\*\*  (0.001) | -0.038\*\*  (0.012) | 0.056\*\*\*  (0.013) | 0.015\*\*\*  (0.003) | -0.170\*\*\*  (0.020) | -0.043\*\*\*  (0.011) |
| Two-step: |  |  |  |  |  |  |
| Step 1 | N.A. | | | | | |
| Step 2 (OLS) | -0.002\*  (0.001) | -0.033\*  (0.014) | 0.055\*\*  (0.016) | 0.016\*\*  (0.004) | -0.168\*\*\*  (0.024) | -0.044\*\*  (0.014) |

\**p* < 0.05; \*\**p* < 0.01; \*\*\**p* < 0.001.

Notes: Population and post-stratification weight values were applied to the all models; the two-step significance levels refer to critical values from *t*(14)-distribution; because Step 1 in the two-step approach have only individual-level variables, their estimates are not displayed in this table.