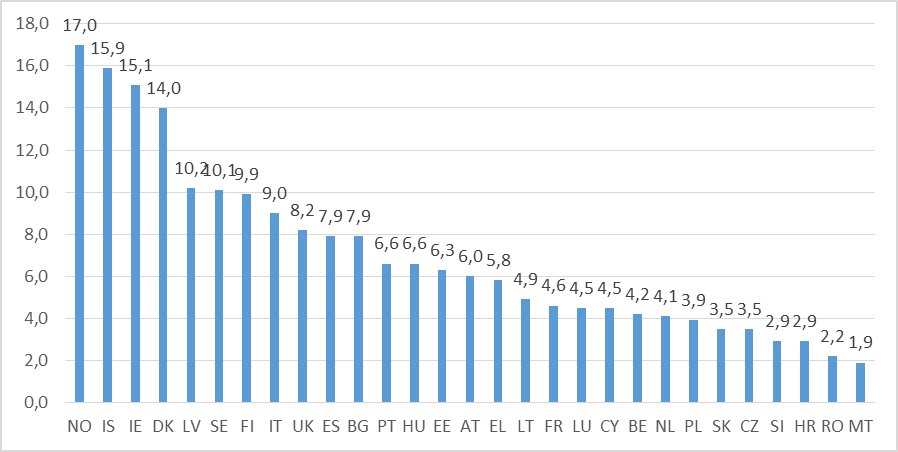
# Supplementary material

Table 3: Sample, by country and historical year

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country** | **Historical year** | | | | | | | |
| 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
| AT | 161 | 156 | 159 | 180 | 173 | 135 | 142 | 166 |
| BE | 209 | 176 | 219 | 242 | 172 | 193 | 222 | 213 |
| BG | 100 | 145 | 163 | 143 | 142 | 138 | 114 | 128 |
| CY | 65 | 59 | 47 | 97 | 66 | 98 | 65 | 109 |
| CZ | 245 | 174 | 245 | 226 | 207 | 140 | 145 | 160 |
| DK | 49 | 24 | 42 | 33 | 48 | 41 | 51 | 45 |
| EE | 84 | 72 | 78 | 89 | 119 | 125 | 98 | 103 |
| EL |  | 155 | 177 | 127 | 160 | 194 | 440 | 387 |
| ES | 219 | 229 | 229 | 245 | 283 | 256 | 250 | 321 |
| FI | 73 | 69 | 69 | 157 | 130 | 95 | 36 | 52 |
| FR | 171 | 165 | 208 | 206 | 179 | 179 | 146 | 200 |
| HR |  |  |  |  | 377 | 232 |  | 232 |
| HU | 384 | 287 | 414 | 397 | 611 | 288 | 259 | 245 |
| IE |  | 156 | 207 |  |  | 279 | 193 | 208 |
| IS | 9 | 6 | 5 | 21 | 20 | 18 | 13 | 11 |
| IT | 510 | 496 | 439 | 409 | 508 | 440 | 403 | 427 |
| LT | 88 | 79 | 91 | 133 | 107 | 113 | 61 | 58 |
| LU | 22 | 10 | 96 | 131 | 115 | 128 | 83 | 82 |
| LV | 98 | 106 | 117 | 191 | 185 | 118 | 140 | 117 |
| MT |  | 127 | 152 | 143 | 157 | 126 | 123 |  |
| NL | 155 | 170 | 108 | 119 | 179 | 119 | 107 | 142 |
| NO |  |  | 17 | 20 | 21 | 46 | 28 | 42 |
| PL | 412 | 368 | 334 | 391 | 365 | 374 | 321 | 358 |
| PT |  | 50 | 30 | 30 | 25 | 6 | 2 | 4 |
| RO |  | 184 | 287 | 260 | 255 | 178 | 160 | 162 |
| RS | 54 | 42 | 37 | 42 | 37 | 28 | 34 | 23 |
| SE | 110 | 127 | 96 | 113 | 122 | 140 | 128 | 126 |
| SI | 73 | 55 | 68 | 138 | 115 | 5 | 50 | 49 |
| SK |  | 184 | 195 | 184 | 211 | 199 | 357 | 262 |
| UK | 161 | 156 | 159 | 180 | 173 | 135 | 142 | 166 |

Note: Source EU-SILC (Eurostat), own calculation. The historical year 2014 is not shown. It does however figure in the data, because the change of the dependent variable after 2013 requires the information on the household’s status in 2014.

Figure 2: Mean change of the (quasi-)jobless households’ work intensity over one year, by country, in percentage points



Note: Source EU-SILC (Eurostat), own calculation.

Table 4: Variables used in the regression models

|  |  |  |  |
| --- | --- | --- | --- |
| Category | Variable | Scale | Source |
| dependent variable | change in work intensity, measured in p.p. | metric | EU-SILC\* |
| *fixed effects* | | |  |
| independent variables: social benefits measured at household level | non-adjusted, measured as PPS | metric | EU-SILC\* |
| non-adjusted, measured as % of poverty threshold\*\* | metric | EU-SILC\* |
| ENI-adjusted, measured as PPS | metric | EU-SILC\* |
| ENI-adjusted, measured as % of poverty threshold\*\* | metric | EU-SILC\* |
| micro-level controls: household situation and composition | equivalised income before transfers as % of poverty threshold | metric | EU-SILC\* |
| work intensity, part-time adjusted | metric | EU-SILC\* |
| # of working-aged members below 30 | metric | EU-SILC\* |
| # of working-aged members above 55 | metric | EU-SILC\* |
| # of members with low education | metric | EU-SILC\* |
| # of members with low education | metric | EU-SILC\* |
| # of members with limited activity due to health | metric | EU-SILC\* |
| partner household | dummy | EU-SILC\* |
| # of children aged 0–2 | metric | EU-SILC\* |
| # of children aged 3–6 | metric | EU-SILC\* |
| # of children aged 7–17 | metric | EU-SILC\* |
| macro-level controls | Gini coefficient | metric | Eurostat |
|  | change of unemployment rate as % of population | metric | Eurostat\* |
| historical time | year | dummy | EU-SILC\* |
| *random effects* | | |  |
| geographical unit | country | dummy | EU-SILC\* |

\*Own calculations. \*\*Sensitivity analysis.

Table 5: Regression output on work intensity changes, with both main and alternative independent variables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Category** | **Variable** | **Non-adjusted amounts** | | **ENI-adjusted amounts** | |
| dependent variable: change in work intensity | | **PPS** | **PTH¹** | **PPS** | **PTH¹** |
| Social benefits | non-adjusted, measured as PPS | -0.000\*\*\* |  |  |  |
| non-adjusted, measured as % of poverty threshold |  | -0.000\*\*\* |  |  |
| ENI-adjusted, measured as PPS |  |  | -0.000\*\*\* |  |
| ENI-adjusted, measured as % of poverty threshold |  |  |  | -0.001\*\*\* |
| household situation | EDHI¹ as % of poverty threshold | 0.004\*\*\* | 0.004\*\*\* | 0.005\*\*\* | 0.005\*\*\* |
| work intensity, part-time adjusted | 0.167\*\*\* | 0.167\*\*\* | 0.175\*\*\* | 0.175\*\*\* |
| household composition | # of working-aged members below 30 | 0.001\*\*\* | 0.001\*\*\* | 0.001\*\*\* | 0.001\*\*\* |
| # of working-aged members above 55 | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* | -0.001\*\*\* |
| # of members with low education | -0.013\*\*\* | -0.013\*\*\* | -0.013\*\*\* | -0.013\*\*\* |
| # of members with high education | 0.030\*\*\* | 0.030\*\*\* | 0.030\*\*\* | 0.030\*\*\* |
| # of members with limited activity due to health | -0.052\*\*\* | -0.053\*\*\* | -0.054\*\*\* | -0.055\*\*\* |
| partner household | -0.009\*\*\* | -0.009\*\*\* | -0.009\*\*\* | -0.009\*\*\* |
| # of children aged 0–2 | 0.009\* | 0.010\* | 0.009 | 0.009\* |
| # of children aged 3–6 | 0.009\* | 0.009\* | 0.009\* | 0.009\* |
| # of children aged 7–17 | 0.001 | 0.001 | 0.001 | 0.001 |
| Historical time | Historical year (base 2006) |  |  |  |  |
| 2007 | -0.018\*\*\* | -0.019\*\*\* | -0.018\*\*\* | -0.018\*\*\* |
| 2008 | -0.026\*\*\* | -0.026\*\*\* | -0.026\*\*\* | -0.026\*\*\* |
| 2009 | -0.019\*\*\* | -0.020\*\*\* | -0.019\*\*\* | -0.020\*\*\* |
| 2010 | -0.020\*\*\* | -0.021\*\*\* | -0.021\*\*\* | -0.021\*\*\* |
| 2011 | -0.003 | -0.004 | -0.003 | -0.004 |
| 2012 | -0.030\*\*\* | -0.031\*\*\* | -0.031\*\*\* | -0.032\*\*\* |
| 2013 | -0.031\*\*\* | -0.032\*\*\* | -0.031\*\*\* | -0.032\*\*\* |
| macro-level controls | change of unemployment rate as % of population | -0.006\*\*\* | -0.006\*\*\* | -0.006\*\*\* | -0.006\*\*\* |
| Gini coefficient | -0.004\*\*\* | -0.004\*\*\* | -0.004\*\*\* | -0.004\*\*\* |
|  | Intercept | 0.272\*\*\* | 0.265\*\*\* | 0.263\*\*\* | 0.259\*\*\* |
| Level 2 estimates | Random intercept variance | -3.322\*\*\* | -3.380\*\*\* | -3.365\*\*\* | -3.397\*\*\* |
| Within-group error variance | -1.681\*\*\* | -1.681\*\*\* | -1.680\*\*\* | -1.680\*\*\* |
|  | N | 34081 | 34081 | 34081 | 34081 |

Note: Source EU-SILC (Eurostat), own calculation. Legend: \* p<.05; \*\* p<.01; \*\*\* p<.001. ¹Equivalised social benefits received by households deflated not by purchasing power parity, but by the level of the poverty threshold in the respective country and year.

Table 6: Reduction of the change of work intensity following a hypothetical 100% increase of social benefits, by initial (pre-transfer) poverty gap, for both main and alternative independent variables, in p.p.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Social benefits | Whole sample | Subsamples by size of poverty gap | | |
| > than 50% of threshold | 50% – 1% of threshold | no poverty gap |
| non-adjusted benefits, measured as PPS | -0.8\*\*\* | -2.4\*\*\* | not sig. | not sig. |
| non-adjusted benefits, measured as % of poverty threshold | -0.8\*\*\* | -2.7\*\*\* | not sig. | -0.1\* |
| ENI-adjusted benefits, measured as PPS | -0.6\*\*\* | -2.3\*\*\* | not sig. | not sig. |
| ENI-adjusted benefits, measured as % of poverty threshold | -0.5\*\*\* | -2.6\*\*\* | not sig. | -0.1\* |
| N | 34,081 | 14,390 | 6,108 | 13,581 |

Note: Source EU-SILC (Eurostat), own calculation. Average partial effects. Legend: \* p<.05; \*\* p<.01; \*\*\* p<.001

Table 7: Reduction of the change of work intensity following a hypothetical 100% increase of social benefits, by features of working-age household members, in p.p.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Working-age household members | | non-adjusted benefits, measured as PPS | ENI-adjusted benefits, measured as PPS | N |
| Age | all < 30 | -2.9\*\* | -2.4\*\* | 1,464 |
| all 30–55 | -2.4\*\*\* | -1.9\*\*\* | 9,552 |
| all > 55 | not sig. | not sig. | 16,760 |
| Education | all low | -0.6\*\*\* | -0.4\*\*\* | 11,395 |
| no low | -0.9\*\*\* | -0.6\*\*\* | 17,942 |
| all high | -0.9\*\*\* | -0.6\*\*\* | 4,244 |
| no high | -0.7\*\*\* | -0.4\*\*\* | 27,410 |
| Limitations due to health | none | -0.7\*\*\* | -0.5\*\*\* | 17,102 |
| some | -0.6\*\*\* | -0.4\*\*\* | 16,979 |

Note: Source EU-SILC (Eurostat), own calculation. Average partial effects. Legend: \* p<.05; \*\* p<.01; \*\*\* p<.001