Supplementary Material

# Supplementary Tables

**Supplementary Table 1.** Descriptive statistics of personal values and perceived EU values

|  |  |  |  |
| --- | --- | --- | --- |
|  | *M* | *SD* | Skewness |
| Personal values |  |  |  |
| Democracy | 4.36 | 0.71 | -1.41 |
| Liberty | 4.47 | 0.69 | -1.33 |
| Fairness | 4.55 | 0.69 | -1.70 |
| Rule of law | 4.10 | 0.87 | -0.82 |
| Respect for national authority | 3.40 | 1.09 | -0.29 |
| Respect for tradition | 3.16 | 1.21 | -0.07 |
| Perceived EU values |  |  |  |
| Democracy | 3.80 | 0.99 | -0.89 |
| Liberty | 3.70 | 0.97 | -0.67 |
| Fairness | 3.44 | 1.04 | -0.44 |
| Rule of law | 3.67 | 0.99 | -0.62 |
| Respect for national authority | 3.27 | 1.02 | -0.43 |
| Respect for tradition | 3.13 | 1.08 | -0.13 |

**Supplementary Table 2.** Results from a factor analysis of personal values

|  |  |  |
| --- | --- | --- |
| Value | Factor loading |  |
|  | 1 | 2 | Eigenvalue |
| Factor 1: Individualizing values |  |  | 1.19 |
| Democracy | **.59** |  |  |
| Liberty  | **.56** |  |  |
| Fairness | **.63** |  |  |
| Factor 2: Binding values |  |  | 1.45 |
| Rule of law | .35 | **.40** |  |
| Respect for national authority |  | **.98** |  |
| Respect for tradition |  | **.57** |  |

*Note*. Factor loadings above .35 are in bold. The two-factor model had a good fit, χ2(8) = 97.39, *p* < .001; CFI = .921; TLI = .852; RMSEA = .099; SRMR = .070.

**Supplementary Table 3.** Results from a factor analysis of perceived EU values

|  |  |  |
| --- | --- | --- |
| Value | Factor loading |  |
|  | 1 | 2 | Eigenvalue |
| Factor 1: Individualizing values |  |  | 2.25 |
| Democracy | **.77** | .25 |  |
| Liberty  | **.77** | .29 |  |
| Fairness | **.70** | .27 |  |
| Factor 2: Binding values |  |  | 1.61 |
| Rule of law | **.60** | **.40** |  |
| Respect for national authority | .28 | **.96** |  |
| Respect for tradition | .35 | **.56** |  |

*Note*. Factor loadings above .35 are in bold. The two-factor model had a good fit, χ2(8) = 186.22, *p* < .001; CFI = .943; TLI = .893; RMSEA = .140; SRMR = .050.

**Supplementary Table 4.** Results from regression analyses on perceived legitimacy of the CJEU with individualizing values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Effect | Estimate | *SE* | 95% CI | *p* | VIF |
|  |  |  | *LL* | *UL* |  |  |
| Intercept | -0.01 | 0.15 | -0.30 | 0.28 | .954 |  |
| Countrya |  |  |  |  |  | 1.53 |
| France | -0.42 | 0.09 | -0.60 | -0.24 | < .001 |  |
| Germany | -0.09 | 0.09 | -0.26 | 0.09 | .323 |  |
| Italy | -0.18 | 0.09 | -0.36 | 0.00 | .052 |  |
| Netherlands | -0.02 | 0.09 | -0.20 | 0.15 | .784 |  |
| Poland | -0.22 | 0.09 | -0.40 | -0.04 | .020 |  |
| Age | 0.10 | 0.03 | 0.05 | 0.15 | < .001 | 1.15 |
| Educationb |  |  |  |  |  | 1.46 |
| Secondary education | -0.06 | 0.15 | -0.35 | 0.22 | .662 |  |
| Vocational education | -0.20 | 0.17 | -0.54 | 0.14 | .256 |  |
| Professional education | 0.15 | 0.16 | -0.16 | 0.47 | .346 |  |
| Bachelor’s degree | 0.20 | 0.15 | -0.09 | 0.48 | .173 |  |
| Master’s degree | 0.37 | 0.15 | 0.08 | 0.66 | .011 |  |
| Doctoral degree | 0.42 | 0.18 | 0.08 | 0.77 | .016 |  |
| Pers. ind. values | 0.04 | 0.03 | -0.02 | 0.09 | .187 | 1.32 |
| Perc. ind. values EU | 0.49 | 0.03 | 0.43 | 0.54 | < .001 | 1.22 |
| Pers. ind. Values X perc. ind. values EU | -0.02 | 0.03 | -0.07 | 0.04 | .533 | 1.16 |

*Note*. CI = confidence interval; *LL* = lower limit; *UL* = upper limit; VIF = variance inflation factor; pers. = personal; perc. = perceived; ind. = individualizing. *R*2 = .329.

a Reference group = Finland. b Reference group = primary education.

**Supplementary Table 5.** Results from regression analyses on perceived legitimacy of the CJEU with binding values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Effect | Estimate | *SE* | 95% CI | *p* | VIF |
|  |  |  | *LL* | *UL* |  |  |
| Intercept | -0.07 | 0.15 | -0.36 | 0.23 | .652 |  |
| Countrya |  |  |  |  |  | 1.53 |
| France | -0.43 | 0.09 | -0.61 | -0.25 | < .001 |  |
| Germany | -0.14 | 0.09 | -0.26 | 0.09 | .125 |  |
| Italy | -0.20 | 0.09 | -0.32 | 0.04 | .031 |  |
| Netherlands | -0.03 | 0.09 | -0.21 | 0.15 | .742 |  |
| Poland | -0.30 | 0.10 | -0.49 | -0.11 | .002 |  |
| Age | 0.09 | 0.03 | 0.04 | 0.14 | < .001 | 1.15 |
| Educationb |  |  |  |  |  | 1.45 |
| Secondary education | -0.02 | 0.15 | -0.32 | 0.28 | .906 |  |
| Vocational education | -0.16 | 0.18 | -0.51 | 0.19 | .381 |  |
| Professional education | 0.18 | 0.17 | -0.15 | 0.50 | .288 |  |
| Bachelor’s degree | 0.30 | 0.15 | 0.01 | 0.59 | .043 |  |
| Master’s degree | 0.49 | 0.15 | 0.19 | 0.79 | .001 |  |
| Doctoral degree | 0.53 | 0.18 | 0.17 | 0.88 | .003 |  |
| Pers. bind. values | 0.05 | 0.03 | 0.00 | 0.10 | .070 | 1.09 |
| Perc. bind. values EU | 0.44 | 0.03 | 0.38 | 0.49 | < .001 | 1.17 |
| Pers. bind. values X perc. bind. values EU | 0.03 | 0.02 | -0.02 | 0.07 | .251 | 1.13 |

*Note*. CI = confidence interval; *LL* = lower limit; *UL* = upper limit; VIF = variance inflation factor; pers. = personal; perc. = perceived; bind. = binding. *R*2 = .291.

a Reference group = Finland. b Reference group = primary education.

**Supplementary Table 6.** Results from regression analyses on perceived legitimacy of the EU with individualizing values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Effect | Estimate | *SE* | 95% CI | *p* | VIF |
|  |  |  | *LL* | *UL* |  |  |
| Intercept | 0.11 | 0.14 | -0.17 | 0.38 | .439 |  |
| Countrya |  |  |  |  |  | 1.53 |
| France | -0.35 | 0.09 | -0.51 | -0.18 | < .001 |  |
| Germany | -0.11 | 0.08 | -0.28 | 0.05 | .189 |  |
| Italy | -0.11 | 0.09 | -0.28 | 0.06 | .202 |  |
| Netherlands | -0.05 | 0.08 | -0.21 | 0.12 | .582 |  |
| Poland | -0.27 | 0.09 | -0.45 | -0.10 | .002 |  |
| Age | 0.02 | 0.02 | -0.03 | 0.06 | .525 | 1.15 |
| Educationb |  |  |  |  |  | 1.46 |
| Secondary education | -0.08 | 0.14 | -0.36 | 0.19 | .558 |  |
| Vocational education | -0.30 | 0.16 | -0.62 | 0.03 | .071 |  |
| Professional education | -0.01 | 0.15 | -0.31 | 0.29 | .949 |  |
| Bachelor’s degree | 0.08 | 0.14 | -0.19 | 0.35 | .549 |  |
| Master’s degree | 0.18 | 0.14 | -0.09 | 0.46 | .186 |  |
| Doctoral degree | 0.21 | 0.17 | -0.12 | 0.53 | .211 |  |
| Pers. ind. values | -0.02 | 0.13 | -0.08 | 0.03 | .362 | 1.32 |
| Perc. ind. values EU | 0.60 | 0.03 | 0.55 | 0.65 | < .001 | 1.22 |
| Pers. ind. values X perc. ind. values EU | -0.03 | 0.03 | -0.07 | 0.02 | .322 | 1.16 |

*Note*. CI = confidence interval; *LL* = lower limit; *UL* = upper limit; VIF = variance inflation factor; pers. = personal; perc. = perceived; ind. = individualizing. *R*2 = .402.

a Reference group = Finland. b Reference group = primary education.

**Supplementary Table 7.** Results from regression analyses on perceived legitimacy of the EU with binding values

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Effect | Estimate | *SE* | 95% CI | *p* | VIF |
|  |  |  | *LL* | *UL* |  |  |
| Intercept | 0.06 | 0.14 | -0.22 | 0.35 | .660 |  |
| Countrya |  |  |  |  |  | 1.53 |
| France | -0.38 | 0.09 | -0.55 | -0.20 | < .001 |  |
| Germany | -0.20 | 0.09 | -0.37 | -0.03 | .021 |  |
| Italy | -0.16 | 0.09 | -0.33 | 0.02 | .075 |  |
| Netherlands | -0.05 | 0.09 | -0.22 | 0.12 | .590 |  |
| Poland | -0.35 | 0.09 | -0.53 | -0.17 | <.001 |  |
| Age | 0.00 | 0.03 | -0.05 | 0.05 | .946 | 1.15 |
| Educationb |  |  |  |  |  | 1.45 |
| Secondary education | -0.05 | 0.14 | -0.33 | 0.23 | .720 |  |
| Vocational education | -0.26 | 0.17 | -0.60 | 0.07 | .122 |  |
| Professional education | 0.01 | 0.16 | -0.30 | 0.32 | .956 |  |
| Bachelor’s degree | 0.17 | 0.14 | -0.10 | 0.45 | .221 |  |
| Master’s degree | 0.30 | 0.14 | 0.01 | 0.58 | .041 |  |
| Doctoral degree | 0.27 | 0.17 | -0.06 | 0.61 | .110 |  |
| Pers. bind. values | 0.01 | 0.03 | -0.04 | 0.06 | .640 | 1.09 |
| Perc. bind. values EU | 0.52 | 0.03 | 0.47 | 0.58 | < .001 | 1.17 |
| Pers. bind. values X perc. bind. values EU | 0.07 | 0.02 | 0.02 | 0.11 | .002 | 1.13 |

*Note*. CI = confidence interval; *LL* = lower limit; *UL* = upper limit; VIF = variance inflation factor; pers. = personal; perc. = perceived; bind. = binding. R2 = .358.

a Reference group = Finland. b Reference group = primary education.