

Supplementary material

Table 1: Descriptive statistics for control variables for the first wave (2016)

| Label | Stats / Values | Freqs (% of Valid) | Valid |
|--|-------------------------|--------------------|----------|
| Educational level | 1. Less than University | 1242 (82.7%) | 1501 |
| | 2. University | 259 (17.3%) | (100.0%) |
| Household income quintile (per capita) | 1. Q1 | 323 (21.5%) | 1501 |
| | 2. Q2 | 291 (19.4%) | (100.0%) |
| | 3. Q3 | 290 (19.3%) | |
| | 4. Q4 | 285 (19.0%) | |
| | 5. Q5 | 254 (16.9%) | |
| | 6. QNA | 58 (3.9%) | |
| Sex | 1. Male | 535 (35.6%) | 1501 |
| | 2. Female | 966 (64.4%) | (100.0%) |
| Age | 1. 18-29 | 219 (14.6%) | 1501 |
| | 2. 30-49 | 603 (40.2%) | (100.0%) |
| | 3. 50-64 | 477 (31.8%) | |
| | 4. 65 or more | 202 (13.5%) | |
| Subjective social status | Mean (sd) : 4.3 (1.5) | 11 distinct values | 1501 |
| | min < med < max: | | (100.0%) |
| | 0 < 4 < 10 | | |
| Political identification | IQR (CV) : 2 (0.3) | | |
| | 1. Left | 325 (21.7%) | 1501 |
| | 2. Center | 320 (21.3%) | (100.0%) |
| | 3. Right | 201 (13.4%) | |
| | 4. Does not identify | 655 (43.6%) | |

Figure 1: Correlation matrix of the main variables for the first wave (2016)



Source: own elaboration with data from ELSOC 2016 (n = 1687)

Table 2: Complete longitudinal multilevel models for market justice preferences

| | Model 0 | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | Model 6 | Model 7 |
|---|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Intercept | 2.010*** (0.017) | 1.938*** (0.023) | 1.948*** (0.037) | 1.965*** (0.037) | 1.967*** (0.037) | 1.974*** (0.087) | 1.186*** (0.124) | 1.250*** (0.144) |
| Wave (Ref.= 2016) | | | | | | | | |
| Wave 2017 | | -0.183*** (0.025) | | | | | | |
| Wave 2018 | | -0.009 (0.025) | | | | | | |
| Wave 2019 | | -0.009 (0.025) | | | | | | |
| Wave 2022 | | 0.300*** (0.025) | | | | | | |
| Wave 2023 | | 0.320*** (0.025) | | | | | | |
| Wave | | | -0.088*** (0.020) | -0.095*** (0.020) | -0.096*** (0.020) | -0.096*** (0.020) | -0.096*** (0.020) | -0.096*** (0.020) |
| Wave ² | | | 0.024*** (0.003) | 0.024*** (0.003) | 0.025*** (0.003) | 0.025*** (0.003) | 0.025*** (0.003) | 0.025*** (0.003) |
| Perception inequality (WE) | | | | -0.027** (0.009) | -0.025** (0.009) | -0.025** (0.009) | -0.025** (0.009) | -0.025** (0.009) |
| Merit: Effort (WE) | | | | | 0.070*** (0.011) | 0.070*** (0.011) | 0.070*** (0.011) | 0.070*** (0.011) |
| Merit: Talent (WE) | | | | | -0.027* (0.011) | -0.027* (0.011) | -0.027* (0.011) | -0.027* (0.011) |
| Perception inequality (BE) | | | | | | -0.002 (0.023) | 0.043 (0.023) | 0.008 (0.024) |
| Merit: Effort (BE) | | | | | | | 0.206*** (0.040) | 0.191*** (0.040) |
| Merit: Talent (BE) | | | | | | | 0.036 (0.040) | 0.021 (0.040) |
| University education (Ref.= Less than University) | | | | | | | | 0.003 (0.043) |
| Income quintile (Ref.= Quintile 1) | | | | | | | | |
| Quintile Q2 | | | | | | | | -0.004 (0.051) |
| Quintile Q3 | | | | | | | | 0.078 (0.050) |
| Quintile Q4 | | | | | | | | 0.115* (0.051) |
| Quintile Q5 | | | | | | | | 0.184*** (0.054) |
| Quintile no information | | | | | | | | 0.217** (0.077) |
| Subjective social status | | | | | | | | -0.002 (0.011) |
| Political identification (Ref.= Left) | | | | | | | | |
| Center | | | | | | | | 0.111* (0.044) |
| Right | | | | | | | | 0.334*** (0.052) |
| Does not identify | | | | | | | | 0.074 (0.041) |
| Female (Ref.= Male) | | | | | | | | -0.095** (0.032) |
| Age (Ref.= 18-29) | | | | | | | | |
| Age 30-49 | | | | | | | | -0.014 (0.044) |
| Age 50-64 | | | | | | | | 0.031 (0.047) |
| Age 65 or more | | | | | | | | 0.068 (0.057) |
| BIC | 32681.306 | 32146.711 | 31406.958 | 31414.699 | 31404.308 | 31419.062 | 31366.239 | 31473.850 |
| Numb. obs. | 8643 | 8643 | 8643 | 8643 | 8643 | 8643 | 8643 | 8643 |
| Num. groups: individuals | 1687 | 1687 | 1687 | 1687 | 1687 | 1687 | 1687 | 1687 |
| Var: individuals (Intercept) | 0.203 | 0.205 | 0.370 | 0.366 | 0.363 | 0.364 | 0.336 | 0.326 |
| Var: Residual | 0.449 | 0.416 | 0.345 | 0.345 | 0.343 | 0.343 | 0.343 | 0.343 |
| Var: individuals, wave | | | 0.022 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 |
| Cov: individuals (Intercept), wave | | | -0.061 | -0.060 | -0.059 | -0.059 | -0.058 | -0.059 |

Note: Cells contain regression coefficients with standard errors in parentheses. *** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$.

Source: own elaboration with pooled data from ELSOC 2016-2023 (N obs = 8643; N groups = 1687)

Table 3: Growth curves for meritocracy, perceived economic inequality and market justice preferences

| | Model 12 | Model 13 | Model 14 | Model 15 | Model 16 | Model 17 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Intercept | 1.263*** (0.143) | 1.264*** (0.141) | 1.246*** (0.142) | 1.128*** (0.176) | 1.099*** (0.169) | 1.090*** (0.170) |
| Wave x Perception inequality (WE) | 0.003 (0.006) | | | | | |
| Wave x Merit: effort (WE) | | 0.012 (0.006) | | | | |
| Wave x Merit: talent (WE) | | | 0.007 (0.006) | | | |
| Wave x Perception inequality (BE) | | | | -0.011 (0.009) | | |
| Wave x Merit: effort (BE) | | | | | -0.020 (0.011) | |
| Wave x Merit: talent (BE) | | | | | | -0.016 (0.010) |
| Controls | Yes | Yes | Yes | Yes | Yes | Yes |
| BIC | 31010.853 | 30888.601 | 30785.269 | 31515.978 | 31493.536 | 31501.405 |
| Numb. obs. | 8643 | 8643 | 8643 | 8643 | 8643 | 8643 |
| Num. groups: individuals | 1687 | 1687 | 1687 | 1687 | 1687 | 1687 |
| Var: individuals (Intercept) | 0.388 | 0.334 | 0.379 | 0.274 | 0.535 | 0.372 |
| Var: individuals, perception inequality cwc | 0.100 | | | | | |
| Var: individuals, wave | 0.025 | 0.023 | 0.024 | 0.021 | 0.021 | 0.021 |
| Cov: individuals (Intercept), perception inequality cwc | -0.081 | | | | | |
| Cov: individuals (Intercept), wave | -0.074 | -0.062 | -0.072 | -0.054 | -0.056 | -0.049 |
| Cov: individuals, perception inequality cwc, wave | 0.021 | | | | | |
| Var: Residuals | 0.291 | 0.280 | 0.275 | 0.343 | 0.342 | 0.343 |
| Var: individuals, merit effort cwc | | 0.122 | | | | |
| Cov: individuals (Intercept), merit effort cwc | | -0.009 | | | | |
| Cov: individuals, merit effort cwc, wave | | 0.000 | | | | |
| Var: individuals, merit talent cwc | | | 0.112 | | | |
| Cov: individuals (Intercept), merit talent cwc | | | 0.003 | | | |
| Cov: individuals, merit talent cwc, wave | | | -0.003 | | | |
| Var: individuals, perception inequality mean | | | | 0.000 | | |
| Cov: individuals (Intercept), perception inequality mean | | | | 0.007 | | |
| Cov: individuals, perception inequality mean, wave | | | | -0.001 | | |
| Var: individuals, merit effort mean | | | | | 0.051 | |
| Cov: individuals (Intercept), merit effort mean | | | | | -0.110 | |
| Cov: individuals, merit effort mean, wave | | | | | -0.001 | |
| Var: individuals, merit talent mean | | | | | | 0.031 |
| Cov: individuals (Intercept), merit talent mean | | | | | | -0.053 |
| Cov: individuals, merit talent mean, wave | | | | | | -0.003 |

Note: Cells contain regression coefficients with standard errors in parentheses. *** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$. CWC = centered within group.

Source: own elaboration with pooled data from ELSOC 2016-2023 (N obs = 8643; N groups = 1687)

Table 4: Interactions for meritocracy, perceived economic inequality and market justice preferences

| | Model 18 | Model 19 | Model 20 | Model 21 | Model 22 | Model 23 |
|--|---------------------|---------------------|----------------------|--------------------|---------------------|---------------------|
| Intercept | 1.104*** (0.146) | 1.124*** (0.144) | 1.150*** (0.144) | 0.791** (0.244) | 0.785*** (0.224) | 0.989*** (0.231) |
| Wave 2017 x Perception inequality (WE) | -0.044 (0.036) | | | | | |
| Wave 2018 x Perception inequality (WE) | 0.083* (0.034) | | | | | |
| Wave 2019 x Perception inequality (WE) | 0.035 (0.034) | | | | | |
| Wave 2022 x Perception inequality (WE) | 0.090* (0.036) | | | | | |
| Wave 2023 x Perception inequality (WE) | 0.002 (0.036) | | | | | |
| Wave 2017 x Merit: effort (WE) | | -0.087* (0.036) | | | | |
| Wave 2018 x Merit: effort (WE) | | -0.044 (0.036) | | | | |
| Wave 2019 x Merit: effort (WE) | | 0.046 (0.037) | | | | |
| Wave 2022 x Merit: effort (WE) | | -0.043 (0.038) | | | | |
| Wave 2023 x Merit: effort (WE) | | 0.047 (0.038) | | | | |
| Wave 2017 x Merit: talent (WE) | | | -0.157*** (0.035) | | | |
| Wave 2018 x Merit: talent (WE) | | | -0.121*** (0.036) | | | |
| Wave 2019 x Merit: talent (WE) | | | -0.031 (0.035) | | | |
| Wave 2022 x Merit: talent (WE) | | | -0.133*** (0.036) | | | |
| Wave 2023 x Merit: talent (WE) | | | 0.003 (0.036) | | | |
| Wave 2017 x Perception inequality (BE) | | | | -0.046 (0.034) | | |
| Wave 2018 x Perception inequality (BE) | | | | -0.016 (0.035) | | |
| Wave 2019 x Perception inequality (BE) | | | | -0.007 (0.040) | | |
| Wave 2022 x Perception inequality (BE) | | | | -0.078 (0.045) | | |
| Wave 2023 x Perception inequality (BE) | | | | -0.057 (0.049) | | |
| Wave 2017 x Merit: effort (BE) | | | | | -0.082* (0.039) | |
| Wave 2018 x Merit: effort (BE) | | | | | -0.040 (0.041) | |
| Wave 2019 x Merit: effort (BE) | | | | | -0.055 (0.045) | |
| Wave 2022 x Merit: effort (BE) | | | | | -0.119* (0.050) | |
| Wave 2023 x Merit: effort (BE) | | | | | -0.119* (0.056) | |
| Wave 2017 x Merit: talent (BE) | | | | | | 0.024 (0.038) |
| Wave 2018 x Merit: talent (BE) | | | | | | -0.006 (0.040) |
| Wave 2019 x Merit: talent (BE) | | | | | | -0.064 (0.044) |
| Wave 2022 x Merit: talent (BE) | | | | | | -0.048 (0.050) |
| Wave 2023 x Merit: talent (BE) | | | | | | -0.058 (0.055) |
| Controls | Yes | Yes | Yes | Yes | Yes | Yes |
| BIC | 30936.087 | 30829.408 | 30711.660 | 31474.882 | 31459.508 | 31462.070 |
| Num. obs. | 8643 | 8643 | 8643 | 8643 | 8643 | 8643 |
| Num. groups: idencuesta | 1687 | 1687 | 1687 | 1687 | 1687 | 1687 |
| Var: idencuesta (Intercept) | 0.388 | 0.343 | 0.388 | 0.277 | 0.122 | 0.405 |
| Var: idencuesta perc_inequality_cwc | 0.101 | | | | | |
| Var: idencuesta ola_num | 0.025 | 0.023 | 0.025 | 0.021 | 0.021 | 0.021 |
| Cov: idencuesta (Intercept) perc_inequality_cwc | -0.079 | | | | | |
| Cov: idencuesta (Intercept) ola_num | -0.073 | -0.063 | -0.074 | -0.054 | -0.036 | -0.050 |
| Cov: idencuesta perc_inequality_cwc ola_num | 0.020 | | | | | |
| Var: Residual | 0.284 | 0.273 | 0.268 | 0.336 | 0.336 | 0.336 |
| Var: idencuesta merit_effort_cwc | | 0.123 | | | | |
| Cov: idencuesta (Intercept) merit_effort_cwc | | -0.008 | | | | |
| Cov: idencuesta merit_effort_cwc ola_num | | 0.001 | | | | |
| Var: idencuesta merit_talent_cwc | | | 0.111 | | | |
| Cov: idencuesta (Intercept) merit_talent_cwc | | | 0.000 | | | |
| Cov: idencuesta merit_talent_cwc ola_num | | | -0.002 | | | |
| Var: idencuesta perc_inequality_mean | | | | 0.000 | | |
| Cov: idencuesta (Intercept) perc_inequality_mean | | | | 0.007 | | |
| Cov: idencuesta perc_inequality_mean ola_num | | | | -0.001 | | |
| Var: idencuesta merit_effort_mean | | | | | 0.008 | |
| Cov: idencuesta (Intercept) merit_effort_mean | | | | | 0.030 | |
| Cov: idencuesta merit_effort_mean ola_num | | | | | -0.009 | |
| Var: idencuesta merit_talent_mean | | | | | | 0.034 |
| Cov: idencuesta (Intercept) merit_talent_mean | | | | | | -0.063 |
| Cov: idencuesta merit_talent_mean ola_num | | | | | | -0.003 |

Note: Cells contain regression coefficients with standard errors in parentheses. *** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$. CWC = centered within group.

Source: own elaboration with pooled data from ELSOC 2016-2023 (N obs = 8643; N groups = 1687)