# Online appendix

## Appendix 1: Characteristics of respondents compared to Finnish population

Table A1 shows that characteristics of the respondents in both studies when it comes to age, gender and place of living.

**Table A1. Characteristics of respondents and target population**

|  |  |  |  |
| --- | --- | --- | --- |
| **(%)** | **STUDY 1 (n=324)** | **Study 2 (n=840)** | **Finnish population (Excluding Åland islands)** |
| **Gender** |  |  |  |
| ***Male*** | *49.4* | *49.7* | *50.0* |
| ***Female*** | *50.6* | *50.3* | *50.0* |
|  | *100.0* | *100.0* | *100.0* |
| **Age group** |  |  |  |
| ***18-29*** | *22.2* | *23.0* | *23.0* |
| ***30-39*** | *19.1* | *19.1* | *19.0* |
| ***40-49*** | *17.9* | *18.0* | *18.0* |
| ***50-59*** | *20.4* | *19.9* | *20.0* |
| ***60-*** | *20.4* | *20.0* | *20.0* |
|  | *100.0* | *100.0* | *100.0* |
| **Region of living** |  |  |  |
| ***North & East Finland*** | *24.4* | *24.3* | *24.0* |
| ***South Finland*** | *20.7* | *20.8* | *21.0* |
| ***Helsinki-Uusimaa*** | *30.3* | *29.9* | *30.0* |
| ***West Finland*** | *24.7* | *25.0* | *25.0* |
|  | *100.0* | *100.0* | *100.0* |

Since the distribution of respondents in both studies resemble the Finnish population, we do not apply weighting when performing the analyses.

## Appendix 2: Deviations from the pre-registration

**Study 1**

The preregistration concerning hypotheses, data collection, variables and analyses can be found at:

<https://osf.io/4nbcz/?view_only=12857ff47f1342febcd8c02de07d4f3a>

In the following, we outline the deviations from the pre-registration that occurred during writing up the results:

* The hypothesis has been slightly altered from the pre-registration to include “participatory”, since we want to emphasize that we are here interested in this particular type of (in)equality. The content remains identical.

**STUDY 2**

This study was preregistered for hypotheses, data collection, variables and analyses at: <https://osf.io/rjqux/?view_only=03c7b3039ae14b78a5c1fb533537f9c0>

In the following, we note the deviations from the pre-registration that occurred during the process:

* The numbering of the hypotheses has been altered since the two studies are reported in the same paper. H1a and Hb in the pre-registration are here referred to as H2a and H2b, H2a and H2b in the pre-registration are here referred to as H3a and H3b, while H3 and H4 in the pre-registration are here referred to as H4 and H5. The content is identical.
* We have slightly rephrased H3a and H3b to reflect that we consider usefulness a form of output legitimacy. The intention remain identical.
* We have rephrased H4 and H5 to clarify that we expect differences in both subjective legitimacy and perceived usefulness to differ depending on type of participatory process and issue consequences. The intention remain identical.
* We now include analyses on differences across respondents for the results. No hypotheses were pre-registered for these, but it was mentioned that exploratory analyses would be performed.

## Appendix 3: Distribution of respondents in list experiments

We in Table A2 show the distribution of answers in both list experiments included in study 1.

**Table A2. Distribution of answers in list experiments**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **List experiment 1 (LE1)** | | | |  | **List experiment 2 (LE2)** | | | |
|  | **Control** | | **Treatment** | |  | **Control** | | **Treatment** | |
| **Value** | **Frequency** | **%** | **Frequency** | **%** |  | **Frequency** | **%** | **Frequency** | **%** |
| **0** | 7 | 4.3 | 2 | 1.3 |  | 3 | 1.8 | 1 | 0.6 |
| **1** | 5 | 3.1 | 1 | 0.6 |  | 10 | 6.1 | 10 | 6.3 |
| **2** | 10 | 6.1 | 4 | 2.5 |  | 34 | 20.7 | 21 | 13.1 |
| **3** | 93 | 56.7 | 22 | 13.8 |  | 81 | 49.4 | 45 | 28.1 |
| **4** | 35 | 21.3 | 77 | 48.1 |  | 24 | 14.6 | 65 | 40.6 |
| **5** | 14 | 8.5 | 54 | 33.8 |  | 12 | 7.3 | 18 | 11.3 |
| **Total** | 164 |  | 160 |  |  | 164 |  | 160 |  |

For both experiments, the modal values are the expected 3 in the control group and 4 in the treatment group. However, there is quite a few respondents at the extremes. It is in particular worth noting that in LE1 a third of the respondents in the treatment group select 5 as their answer. We are unable to tell whether this is because of strategic or non-strategic reasons; i.e. whether respondents wanted to conceal their true motivations or misunderstood the task at hand.

## Appendix 4: Mean scores and ANOVA models for Study 2

First, we in table A3 report the mean scores for the four treatments and all 16 combinations of them for the four dependent variables.

**Table A3. Mean scores for main effects and combinations**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Leg1** | | | |  | **Leg2** | | | |  | **Useful1** | | | |  | **Useful2** | | | |
| **Main effects** | **Mean** | **SE** | **95% CI** | |  | **Mean** | **SE** | **95% CI** | |  | **Mean** | **SE** | **95% CI** | |  | **Mean** | **SE** | **95% CI** | |
| **Gender** |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| Women overrepresented | *56.39* | *1.30* | *53.84* | *58.93* |  | *50.77* | *1.27* | *48.27* | *53.27* |  | *55.59* | *1.25* | *53.14* | *58.04* |  | *48.73* | *1.25* | *46.28* | *51.18* |
| Men overrepresented | *51.41* | *1.37* | *48.72* | *54.09* |  | *48.87* | *1.31* | *46.30* | *51.45* |  | *50.50* | *1.36* | *47.84* | *53.17* |  | *43.85* | *1.36* | *41.19* | *46.51* |
| **Education** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Low educated overrepresented | *54.79* | *1.41* | *52.03* | *57.54* |  | *48.22* | *1.33* | *45.61* | *50.83* |  | *52.46* | *1.36* | *49.79* | *55.14* |  | *45.80* | *1.34* | *43.16* | *48.43* |
| High educated overrepresented | *52.94* | *1.28* | *50.43* | *55.44* |  | *51.32* | *1.26* | *48.85* | *53.79* |  | *53.50* | *1.26* | *51.03* | *55.98* |  | *46.67* | *1.28* | *44.16* | *49.18* |
| **Participatory process** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Discussion forum | *52.30* | *1.31* | *49.73* | *54.86* |  | *50.12* | *1.27* | *47.62* | *52.61* |  | *53.20* | *1.28* | *50.68* | *55.72* |  | *46.00* | *1.31* | *43.42* | *48.57* |
| Referendum | *55.41* | *1.37* | *52.72* | *58.11* |  | *49.48* | *1.32* | *46.89* | *52.07* |  | *52.78* | *1.34* | *50.16* | *55.41* |  | *46.49* | *1.31* | *43.92* | *49.06* |
| **Issue consequences** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Society | *54.99* | *1.32* | *52.39* | *57.58* |  | *50.12* | *1.36* | *47.45* | *52.79* |  | *53.93* | *1.33* | *51.32* | *56.54* |  | *47.43* | *1.33* | *44.82* | *50.04* |
| Personal | *52.72* | *1.35* | *50.06* | *55.38* |  | *49.49* | *1.23* | *47.07* | *51.90* |  | *52.07* | *1.29* | *49.53* | *54.61* |  | *45.07* | *1.29* | *42.54* | *47.60* |
| **Combinations** |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Society#Discussion forum#Women#Only basic** | *56.88* | *4.17* | *48.69* | *65.07* |  | *53.49* | *4.06* | *45.52* | *61.46* |  | *57.28* | *4.08* | *49.28* | *65.28* |  | *46.00* | *4.06* | *38.04* | *53.96* |
| **Society#Discussion forum#Women#University-degree** | *54.71* | *3.56* | *47.72* | *61.70* |  | *51.41* | *3.47* | *44.61* | *58.21* |  | *56.78* | *3.48* | *49.95* | *63.61* |  | *53.27* | *3.46* | *46.47* | *60.07* |
| **Society#Discussion forum#Men#Only basic** | *52.24* | *3.59* | *45.19* | *59.29* |  | *47.13* | *3.49* | *40.27* | *53.99* |  | *46.83* | *3.51* | *39.94* | *53.72* |  | *43.03* | *3.49* | *36.18* | *49.89* |
| **Society#Discussion forum#Men#University-degree** | *44.62* | *4.22* | *36.33* | *52.91* |  | *46.03* | *4.11* | *37.97* | *54.09* |  | *47.64* | *4.12* | *39.55* | *55.74* |  | *35.33* | *4.10* | *27.28* | *43.39* |
| **Society#Referendum#Women#Only basic** | *59.65* | *4.03* | *51.73* | *67.57* |  | *51.45* | *3.92* | *43.75* | *59.15* |  | *57.30* | *3.94* | *49.57* | *65.04* |  | *48.63* | *3.92* | *40.93* | *56.33* |
| **Society#Referendum#Women#University-degree** | *58.11* | *3.72* | *50.80* | *65.42* |  | *54.94* | *3.62* | *47.83* | *62.05* |  | *57.96* | *3.64* | *50.82* | *65.10* |  | *53.28* | *3.62* | *46.17* | *60.38* |
| **Society#Referendum#Men#Only basic** | *56.29* | *3.12* | *50.16* | *62.41* |  | *47.19* | *3.03* | *41.23* | *53.14* |  | *50.09* | *3.05* | *44.11* | *56.07* |  | *44.88* | *3.03* | *38.93* | *50.83* |
| **Society#Referendum#Men#University-degree** | *56.18* | *4.44* | *47.47* | *64.90* |  | *50.88* | *4.32* | *42.40* | *59.35* |  | *61.47* | *4.34* | *52.96* | *69.98* |  | *55.47* | *4.31* | *47.00* | *63.94* |
| **Personal#Discussion forum#Women#Only basic** | *54.44* | *4.27* | *46.05* | *62.83* |  | *46.34* | *4.16* | *38.18* | *54.50* |  | *53.10* | *4.17* | *44.90* | *61.29* |  | *46.61* | *4.15* | *38.46* | *54.76* |
| **Personal#Discussion forum#Women#University-degree** | *56.16* | *3.45* | *49.39* | *62.93* |  | *51.32* | *3.35* | *44.74* | *57.90* |  | *57.60* | *3.37* | *50.99* | *64.21* |  | *47.78* | *3.35* | *41.20* | *54.36* |
| **Personal#Discussion forum#Men#Only basic** | *54.21* | *3.50* | *47.34* | *61.09* |  | *49.18* | *3.41* | *42.49* | *55.87* |  | *55.97* | *3.42* | *49.25* | *62.68* |  | *50.20* | *3.41* | *43.51* | *56.88* |
| **Personal#Discussion forum#Men#University-degree** | *44.04* | *3.66* | *36.86* | *51.21* |  | *54.76* | *3.56* | *47.78* | *61.74* |  | *49.18* | *3.57* | *42.17* | *56.19* |  | *42.36* | *3.55* | *35.38* | *49.33* |
| **Personal#Referendum#Women#Only basic** | *57.49* | *4.38* | *48.89* | *66.09* |  | *45.30* | *4.26* | *36.93* | *53.66* |  | *52.15* | *4.28* | *43.75* | *60.55* |  | *45.10* | *4.26* | *36.74* | *53.46* |
| **Personal#Referendum#Women#University-degree** | *54.65* | *3.37* | *48.04* | *61.26* |  | *50.00* | *3.28* | *43.57* | *56.43* |  | *51.97* | *3.29* | *45.51* | *58.43* |  | *47.18* | *3.27* | *40.76* | *53.61* |
| **Personal#Referendum#Men#Only basic** | *47.60* | *3.99* | *39.76* | *55.43* |  | *46.10* | *3.88* | *38.48* | *53.72* |  | *49.32* | *3.90* | *41.67* | *56.97* |  | *41.89* | *3.88* | *34.28* | *49.51* |
| **Personal#Referendum#Men#University-degree** | *53.42* | *3.87* | *45.82* | *61.02* |  | *50.00* | *3.76* | *42.61* | *57.39* |  | *45.40* | *3.78* | *37.98* | *52.82* |  | *37.32* | *3.76* | *29.94* | *44.70* |

In Table A4, we report results from factorial ANOVA analyses of all four dependent variables and including all possible interactions. These are the results we report in the text.

**Table A4. Full factorial ANOVA models**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Legit1** | | | |  | **Legit 2** | | | |  | **Useful1** | | | |  | **Useful2** | | | |
| **Source (df)** | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |
| ***Model (15)*** | *15519.4* | *1034.6* | *1.38* | *0.149* |  | *7347.4* | *489.8* | *0.69* | *0.795* |  | *16920.7* | *1128.0* | *1.58* | *0.073* |  | *21759.6* | *1450.6* | *2.05* | *0.010* |
| ***Consequences (cons) (1)*** | *877.4* | *877.4* | *1.17* | *0.279* |  | *284.6* | *284.6* | *0.40* | *0.526* |  | *1346.3* | *1346.3* | *1.88* | *0.170* |  | *1451.6* | *1451.6* | *2.05* | *0.152* |
| ***Participatory process (part) (1)*** | *2143.8* | *2143.8* | *2.86* | *0.091* |  | *45.9* | *45.9* | *0.06* | *0.799* |  | *5.3* | *5.3* | *0.01* | *0.931* |  | *265.7* | *265.7* | *0.38* | *0.540* |
| ***Gender inequality (gndr) (1)*** | *5961.8* | *5961.8* | *7.96* | *0.005* |  | *531.5* | *531.5* | *0.75* | *0.387* |  | *4609.6* | *4609.6* | *6.45* | *0.011* |  | *4397.3* | *4397.3* | *6.22* | *0.013* |
| ***Educational inequality (educ) (1)*** | *900.5* | *900.5* | *1.20* | *0.273* |  | *1692.0* | *1692.0* | *2.39* | *0.123* |  | *112.3* | *112.3* | *0.16* | *0.692* |  | *100.3* | *100.3* | *0.14* | *0.707* |
| ***cons#part (1)*** | *961.5* | *961.5* | *1.28* | *0.258* |  | *868.2* | *868.2* | *1.23* | *0.269* |  | *3927.4* | *3927.4* | *5.50* | *0.019* |  | *5058.5* | *5058.5* | *7.15* | *0.008* |
| ***cons#gndr (1)*** | *37.4* | *37.4* | *0.05* | *0.823* |  | *2321.5* | *2321.5* | *3.28* | *0.071* |  | *218.7* | *218.7* | *0.31* | *0.580* |  | *179.6* | *179.6* | *0.25* | *0.615* |
| ***part#gndr (1)*** | *358.5* | *358.5* | *0.48* | *0.489* |  | *13.4* | *13.4* | *0.02* | *0.891* |  | *456.4* | *456.4* | *0.64* | *0.424* |  | *207.5* | *207.5* | *0.29* | *0.588* |
| ***cons#educ (1)*** | *112.2* | *112.2* | *0.15* | *0.699* |  | *723.6* | *723.6* | *1.02* | *0.313* |  | *1106.9* | *1106.9* | *1.55* | *0.214* |  | *1810.8* | *1810.8* | *2.56* | *0.110* |
| ***part#educ (1)*** | *1210.1* | *1210.1* | *1.62* | *0.204* |  | *221.7* | *221.7* | *0.31* | *0.576* |  | *309.1* | *309.1* | *0.43* | *0.511* |  | *1240.8* | *1240.8* | *1.75* | *0.186* |
| ***gndr#educ (1)*** | *165.5* | *165.5* | *0.22* | *0.638* |  | *3.0* | *3.0* | *0.00* | *0.948* |  | *28.2* | *28.2* | *0.04* | *0.843* |  | *1920.5* | *1920.5* | *2.71* | *0.100* |
| ***cons#part#educ (1)*** | *34.2* | *34.2* | *0.05* | *0.831* |  | *477.6* | *477.6* | *0.67* | *0.412* |  | *578.1* | *578.1* | *0.81* | *0.369* |  | *416.0* | *416.0* | *0.59* | *0.443* |
| ***cons#part#gndr (1)*** | *212.7* | *212.7* | *0.28* | *0.594* |  | *249.4* | *249.4* | *0.35* | *0.553* |  | *1227.1* | *1227.1* | *1.72* | *0.190* |  | *2948.0* | *2948.0* | *4.17* | *0.042* |
| ***cons#gndr#educ (1)*** | *1.9* | *1.9* | *0.00* | *0.960* |  | *6.0* | *6.0* | *0.01* | *0.927* |  | *2308.4* | *2308.4* | *3.23* | *0.073* |  | *138.5* | *138.5* | *0.20* | *0.658* |
| ***part#gndr#educ (1)*** | *2373.5* | *2373.5* | *3.17* | *0.075* |  | *15.0* | *15.0* | *0.02* | *0.885* |  | *907.2* | *907.2* | *1.27* | *0.260* |  | *1706.1* | *1706.1* | *2.41* | *0.121* |
| ***cons#part#gndr#educ (1)*** | *588.5* | *588.5* | *0.79* | *0.376* |  | *1.2* | *1.2* | *0.00* | *0.967* |  | *10.8* | *10.8* | *0.02* | *0.902* |  | *1085.4* | *1085.4* | *1.53* | *0.216* |
| ***Residual (824)*** | *617051.1* | *748.8* |  |  |  | *583730.7* | *708.4* |  |  |  | *588638.3* | *714.4* |  |  |  | *582939.8* | *707.5* |  |  |
| ***Total (839)*** | *632570.6* | *754.0* |  |  |  | *591078.0* | *704.5* |  |  |  | *605559.0* | *721.8* |  |  |  | *604699.4* | *720.7* |  |  |

In Table A5 we report ANOVA models that only include the direct effects

**Table A5. ANOVA analyses that only include direct effects**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Legit1** | | | |  | **Legit 2** | | | |  | **Useful1** | | | |  | **Useful2** | | | |
| **Source (df)** | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |
| ***Model (15)*** | 9436.1 | 2359.0 | 3.16 | 0.014 |  | 2709.8 | 677.5 | 0.96 | 0.428 |  | 6296.6 | 1574.1 | 2.19 | 0.068 |  | 6275.3 | 1568.8 | 2.19 | 0.069 |
| ***Consequences (1)*** | 815.2 | 815.2 | 1.09 | 0.296 |  | 185.1 | 185.1 | 0.26 | 0.608 |  | 804.8 | 804.8 | 1.12 | 0.290 |  | 1228.1 | 1228.1 | 1.71 | 0.191 |
| ***Participatory process (1)*** | 1845.7 | 1845.7 | 2.47 | 0.116 |  | 79.9 | 79.9 | 0.11 | 0.736 |  | 53.6 | 53.6 | 0.07 | 0.785 |  | 31.3 | 31.3 | 0.04 | 0.834 |
| ***Gender inequality (1)*** | 5890.0 | 5890.0 | 7.89 | 0.005 |  | 431.0 | 431.0 | 0.61 | 0.434 |  | 5213.0 | 5213.0 | 7.26 | 0.007 |  | 4810.3 | 4810.3 | 6.71 | 0.010 |
| ***Educational inequality(1)*** | 1203.9 | 1203.9 | 1.61 | 0.204 |  | 1770.7 | 1770.7 | 2.51 | 0.113 |  | 37.5 | 37.5 | 0.05 | 0.819 |  | 25.4 | 25.4 | 0.04 | 0.851 |
| ***Residual (835)*** | 623134.5 | 746.3 |  |  |  | 588368.2 | 704.6 |  |  |  | 599262.4 | 717.7 |  |  |  | 598424.2 | 716.7 |  |  |
| ***Total (839)*** | 632570.6 | 754.0 |  |  |  | 591078.0 | 704.5 |  |  |  | 605559.0 | 721.8 |  |  |  | 604699.4 | 720.7 |  |  |

In table A6, we report ANOVA models where we only include the interaction terms that are of primary interest according to our hypotheses.

**Table A6. ANOVA models including only relevant interaction terms**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Legit1** | | | |  | **Legit 2** | | | |  | **Useful1** | | | |  | **Useful2** | | | |
| **Source (df)** | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |  | **Partial SS** | **MS** | **F** | **Prob>F** |
| ***Model (15)*** | 10978.5 | 1372.3 | 1.83 | 0.067 |  | 5744.1 | 718.0 | 1.02 | 0.420 |  | 8293.0 | 1036.6 | 1.44 | 0.175 |  | 9398.1 | 1174.8 | 1.64 | 0.110 |
| ***Consequences (cons) (1)*** | 863.6 | 863.6 | 1.15 | 0.283 |  | 250.1 | 250.1 | 0.36 | 0.552 |  | 770.7 | 770.7 | 1.07 | 0.301 |  | 1252.3 | 1252.3 | 1.75 | 0.187 |
| ***Participatory process (part) (1)*** | 1678.7 | 1678.7 | 2.24 | 0.135 |  | 70.9 | 70.9 | 0.10 | 0.751 |  | 29.1 | 29.1 | 0.04 | 0.841 |  | 58.9 | 58.9 | 0.08 | 0.775 |
| ***Gender inequality (gndr) (1)*** | 5806.8 | 5806.8 | 7.76 | 0.006 |  | 491.4 | 491.4 | 0.70 | 0.404 |  | 5019.6 | 5019.6 | 6.98 | 0.008 |  | 4555.6 | 4555.6 | 6.36 | 0.012 |
| ***Educational inequality (educ) (1)*** | 1147.7 | 1147.7 | 1.53 | 0.216 |  | 1620.5 | 1620.5 | 2.30 | 0.130 |  | 39.9 | 39.9 | 0.06 | 0.814 |  | 30.7 | 30.7 | 0.04 | 0.836 |
| ***cons#gndr (1)*** | 27.9 | 27.9 | 0.04 | 0.847 |  | 2411.3 | 2411.3 | 3.42 | 0.065 |  | 244.2 | 244.2 | 0.34 | 0.560 |  | 166.8 | 166.8 | 0.23 | 0.630 |
| ***part#gndr (1)*** | 524.9 | 524.9 | 0.70 | 0.402 |  | 25.6 | 25.6 | 0.04 | 0.849 |  | 347.6 | 347.6 | 0.48 | 0.487 |  | 128.6 | 128.6 | 0.18 | 0.672 |
| ***cons#educ (1)*** | 83.6 | 83.6 | 0.11 | 0.738 |  | 787.3 | 787.3 | 1.12 | 0.291 |  | 1117.4 | 1117.4 | 1.55 | 0.213 |  | 1795.3 | 1795.3 | 2.51 | 0.114 |
| ***part#educ (1)*** | 1098.7 | 1098.7 | 1.47 | 0.226 |  | 129.0 | 129.0 | 0.18 | 0.669 |  | 157.0 | 157.0 | 0.22 | 0.640 |  | 809.6 | 809.6 | 1.13 | 0.288 |
| ***Residual (831)*** | 621592.1 | 748.0 |  |  |  | 585333.9 | 704.4 |  |  |  | 597266.0 | 718.7 |  |  |  | 595301.3 | 716.4 |  |  |
| ***Total (839)*** | 632570.6 | 754.0 |  |  |  | 591078.0 | 704.5 |  |  |  | 605559.0 | 721.8 |  |  |  | 604699.4 | 720.7 |  |  |

The results are in both cases similar which means that model specification does not decide the results.

## Appendix 5: Attention checks

Table A7 shows the attention checks and distribution of answers.

**Table A7. Attention checks**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Freq.** | **Percent** | **# Correct** |
| **Who was affected by the legislation** |  |  |  |
| Me personally | 125 | 14.88 | 108 |
| Society at large | 511 | 60.83 | 298 |
| Residents of the USA | 22 | 2.62 | 0 |
| Don’t know | 182 | 21.67 | 0 |
|  |  |  |  |
| **How did decision-makers get input from participants** | |  |  |
| Referendum | 297 | 35.4 | 225 |
| Discussion forum | 295 | 35.1 | 239 |
| Survey to all residents | 110 | 13.1 | 0 |
| Don’t know | 138 | 16.4 | 0 |
|  |  |  |  |
| **What gender were the majority of the participants?** | |  |  |
| Male | 354 | 42.1 | 311 |
| Female | 287 | 34.2 | 287 |
| Non-binary | 17 | 2 | 0 |
| Don’t know | 182 | 21.7 | 0 |
|  |  |  |  |
| **What was the level of education of the majority of participants?** | | |  |
| University degree | 349 | 41.6 | 302 |
| Basic education | 341 | 40.6 | 290 |
| Educated abroad | 9 | 1.1 | 0 |
| Don’t know | 141 | 16.8 | 0 |

We see that few answered correctly for the consequences of the legislation and the nature of the participatory process. More people remembered correctly when it comes to the types of inequality, although here also about 1/3 of respondents did not recollect the correct answer.

The following Table A8 shows the results when restricting analyses to respondents who answered correctly.

**Table A8. ANOVA models**

|  | ALL RESPONDENTS | | | | |  | | ONLY RESPONDENTS WHO ANSWERED CORRECT FOR GENDER | | | | |  | | ONLY RESPONDENTS WHO ANSWERED CORRECT FOR EDUCATION | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Legit 1 |  |  |  |  |  | |  | |  |  |  |  | |  | |  |  |  |
| Source | Partial SS | MS | F | Prob>F |  | | Partial SS | | MS | F | Prob>F |  | | Partial SS | | MS | F | Prob>F |
| Model | 15519.4 | 1034.6 | 1.4 | 0.149 |  | | 16405.5 | | 1093.7 | 1.4 | 0.141 |  | | 17425.3 | | 1161.7 | 1.5 | 0.107 |
| conseq | 877.4 | 877.4 | 1.2 | 0.279 |  | | 1223.2 | | 1223.2 | 1.6 | 0.211 |  | | 164.1 | | 164.1 | 0.2 | 0.648 |
| particip | 2143.8 | 2143.8 | 2.9 | 0.091 |  | | 1487.3 | | 1487.3 | 1.9 | 0.168 |  | | 2524.7 | | 2524.7 | 3.2 | 0.074 |
| conseq#particip | 961.5 | 961.5 | 1.3 | 0.258 |  | | 597.9 | | 597.9 | 0.8 | 0.382 |  | | 2137.6 | | 2137.6 | 2.7 | 0.100 |
| gendr | 5961.8 | 5961.8 | 8.0 | 0.005 |  | | 4883.9 | | 4883.9 | 6.3 | 0.013 |  | | 7013.4 | | 7013.4 | 8.9 | 0.003 |
| conseq#gendr | 37.4 | 37.4 | 0.1 | 0.823 |  | | 1567.7 | | 1567.7 | 2.0 | 0.157 |  | | 465.8 | | 465.8 | 0.6 | 0.442 |
| particip#gendr | 358.5 | 358.5 | 0.5 | 0.489 |  | | 587.5 | | 587.5 | 0.8 | 0.386 |  | | 251.9 | | 251.9 | 0.3 | 0.571 |
| conseq#particip#gendr | 212.7 | 212.7 | 0.3 | 0.594 |  | | 64.9 | | 64.9 | 0.1 | 0.773 |  | | 0.6 | | 0.6 | 0.0 | 0.978 |
| educ | 900.5 | 900.5 | 1.2 | 0.273 |  | | 1.6 | | 1.6 | 0.0 | 0.964 |  | | 240.3 | | 240.3 | 0.3 | 0.580 |
| conseq#educ | 112.2 | 112.2 | 0.2 | 0.699 |  | | 5.8 | | 5.8 | 0.0 | 0.931 |  | | 132.0 | | 132.0 | 0.2 | 0.682 |
| particip#educ | 1210.1 | 1210.1 | 1.6 | 0.204 |  | | 1888.7 | | 1888.7 | 2.4 | 0.120 |  | | 991.9 | | 991.9 | 1.3 | 0.262 |
| conseq#particip#educ | 34.2 | 34.2 | 0.1 | 0.831 |  | | 169.5 | | 169.5 | 0.2 | 0.641 |  | | 236.5 | | 236.5 | 0.3 | 0.583 |
| gendr#educ | 165.5 | 165.5 | 0.2 | 0.638 |  | | 649.5 | | 649.5 | 0.8 | 0.362 |  | | 298.0 | | 298.0 | 0.4 | 0.538 |
| conseq#gendr#educ | 1.9 | 1.9 | 0.0 | 0.960 |  | | 613.5 | | 613.5 | 0.8 | 0.376 |  | | 0.1 | | 0.1 | 0.0 | 0.993 |
| particip#gendr#educ | 2373.5 | 2373.5 | 3.2 | 0.075 |  | | 386.7 | | 386.7 | 0.5 | 0.482 |  | | 1745.8 | | 1745.8 | 2.2 | 0.137 |
| conseq#particip#gendr#educ | 588.5 | 588.5 | 0.8 | 0.376 |  | | 1220.2 | | 1220.2 | 1.6 | 0.212 |  | | 950.4 | | 950.4 | 1.2 | 0.272 |
| Residual | 617051.1 | 748.8 |  |  |  | | 443451.4 | | 780.7 |  |  |  | | 452291.2 | | 785.2 |  |  |
| Total | 632570.6 | 754.0 |  |  |  | | 459856.8 | | 788.8 |  |  |  | | 469716.5 | | 794.8 |  |  |
| Legit 2 |  |  |  |  |  | |  | |  |  |  |  | |  | |  |  |  |
| Source | Partial SS | MS | F | Prob>F |  | | Partial SS | | MS | F | Prob>F |  | | Partial SS | | MS | F | Prob>F |
| Model | 7347.4 | 489.8 | 0.7 | 0.795 |  | | 7116.6 | | 474.4 | 0.7 | 0.785 |  | | 9221.7 | | 614.8 | 0.9 | 0.563 |
| conseq | 284.6 | 284.6 | 0.4 | 0.526 |  | | 87.5 | | 87.5 | 0.1 | 0.719 |  | | 38.9 | | 38.9 | 0.1 | 0.811 |
| particip | 45.9 | 45.9 | 0.1 | 0.799 |  | | 19.7 | | 19.7 | 0.0 | 0.865 |  | | 15.5 | | 15.5 | 0.0 | 0.880 |
| conseq#particip | 868.2 | 868.2 | 1.2 | 0.269 |  | | 608.6 | | 608.6 | 0.9 | 0.343 |  | | 448.8 | | 448.8 | 0.7 | 0.418 |
| gendr | 531.5 | 531.5 | 0.8 | 0.387 |  | | 125.0 | | 125.0 | 0.2 | 0.668 |  | | 239.4 | | 239.4 | 0.4 | 0.554 |
| conseq#gendr | 2321.5 | 2321.5 | 3.3 | 0.071 |  | | 316.5 | | 316.5 | 0.5 | 0.494 |  | | 1410.5 | | 1410.5 | 2.1 | 0.151 |
| particip#gendr | 13.4 | 13.4 | 0.0 | 0.891 |  | | 132.5 | | 132.5 | 0.2 | 0.658 |  | | 210.3 | | 210.3 | 0.3 | 0.579 |
| conseq#particip#gendr | 249.4 | 249.4 | 0.4 | 0.553 |  | | 687.7 | | 687.7 | 1.0 | 0.314 |  | | 92.0 | | 92.0 | 0.1 | 0.714 |
| educ | 1692.0 | 1692.0 | 2.4 | 0.123 |  | | 2255.8 | | 2255.8 | 3.3 | 0.068 |  | | 3037.4 | | 3037.4 | 4.5 | 0.035 |
| conseq#educ | 723.6 | 723.6 | 1.0 | 0.313 |  | | 103.4 | | 103.4 | 0.2 | 0.696 |  | | 51.0 | | 51.0 | 0.1 | 0.785 |
| particip#educ | 221.7 | 221.7 | 0.3 | 0.576 |  | | 1315.4 | | 1315.4 | 1.9 | 0.164 |  | | 489.3 | | 489.3 | 0.7 | 0.398 |
| conseq#particip#educ | 477.6 | 477.6 | 0.7 | 0.412 |  | | 571.6 | | 571.6 | 0.8 | 0.359 |  | | 377.0 | | 377.0 | 0.6 | 0.458 |
| gendr#educ | 3.0 | 3.0 | 0.0 | 0.948 |  | | 289.3 | | 289.3 | 0.4 | 0.514 |  | | 4.0 | | 4.0 | 0.0 | 0.939 |
| conseq#gendr#educ | 6.0 | 6.0 | 0.0 | 0.927 |  | | 42.2 | | 42.2 | 0.1 | 0.803 |  | | 97.3 | | 97.3 | 0.1 | 0.706 |
| particip#gendr#educ | 15.0 | 15.0 | 0.0 | 0.885 |  | | 651.8 | | 651.8 | 1.0 | 0.327 |  | | 1706.6 | | 1706.6 | 2.5 | 0.114 |
| conseq#particip#gendr#educ | 1.2 | 1.2 | 0.0 | 0.967 |  | | 28.7 | | 28.7 | 0.0 | 0.837 |  | | 74.3 | | 74.3 | 0.1 | 0.742 |
| Residual | 583730.7 | 708.4 |  |  |  | | 384479.7 | | 676.9 |  |  |  | | 393090.6 | | 682.4 |  |  |
| Total | 591078.0 | 704.5 |  |  |  | | 391596.3 | | 671.7 |  |  |  | | 402312.3 | | 680.7 |  |  |
| Useful 1 |  |  |  |  |  | |  | |  |  |  |  | |  | |  |  |  |
| Source | Partial SS | MS | F | Prob>F |  | | df | | F | Prob>F |  |  | | Partial SS | | MS | F | Prob>F |
| Model | 16920.7 | 1128.0 | 1.6 | 0.073 |  | | 15641.9 | | 1042.8 | 1.4 | 0.142 |  | | 17172.3 | | 1144.8 | 1.5 | 0.085 |
| conseq | 1346.3 | 1346.3 | 1.9 | 0.170 |  | | 1874.6 | | 1874.6 | 2.5 | 0.113 |  | | 538.0 | | 538.0 | 0.7 | 0.395 |
| particip | 5.3 | 5.3 | 0.0 | 0.931 |  | | 126.4 | | 126.4 | 0.2 | 0.681 |  | | 227.4 | | 227.4 | 0.3 | 0.580 |
| conseq#particip | 3927.4 | 3927.4 | 5.5 | 0.019 |  | | 2141.2 | | 2141.2 | 2.9 | 0.091 |  | | 3074.5 | | 3074.5 | 4.2 | 0.042 |
| gendr | 4609.6 | 4609.6 | 6.5 | 0.011 |  | | 3361.4 | | 3361.4 | 4.5 | 0.034 |  | | 5236.0 | | 5236.0 | 7.1 | 0.008 |
| conseq#gendr | 218.7 | 218.7 | 0.3 | 0.580 |  | | 1.3 | | 1.3 | 0.0 | 0.967 |  | | 494.1 | | 494.1 | 0.7 | 0.415 |
| particip#gendr | 456.4 | 456.4 | 0.6 | 0.424 |  | | 40.8 | | 40.8 | 0.1 | 0.815 |  | | 1.8 | | 1.8 | 0.0 | 0.961 |
| conseq#particip#gendr | 1227.1 | 1227.1 | 1.7 | 0.190 |  | | 1838.8 | | 1838.8 | 2.5 | 0.117 |  | | 1279.3 | | 1279.3 | 1.7 | 0.190 |
| educ | 112.3 | 112.3 | 0.2 | 0.692 |  | | 783.4 | | 783.4 | 1.1 | 0.306 |  | | 656.8 | | 656.8 | 0.9 | 0.347 |
| conseq#educ | 1106.9 | 1106.9 | 1.6 | 0.214 |  | | 2134.2 | | 2134.2 | 2.9 | 0.091 |  | | 1171.9 | | 1171.9 | 1.6 | 0.209 |
| particip#educ | 309.1 | 309.1 | 0.4 | 0.511 |  | | 473.4 | | 473.4 | 0.6 | 0.426 |  | | 158.8 | | 158.8 | 0.2 | 0.644 |
| conseq#particip#educ | 578.1 | 578.1 | 0.8 | 0.369 |  | | 1088.2 | | 1088.2 | 1.5 | 0.228 |  | | 1045.7 | | 1045.7 | 1.4 | 0.235 |
| gendr#educ | 28.2 | 28.2 | 0.0 | 0.843 |  | | 47.7 | | 47.7 | 0.1 | 0.800 |  | | 8.8 | | 8.8 | 0.0 | 0.913 |
| conseq#gendr#educ | 2308.4 | 2308.4 | 3.2 | 0.073 |  | | 1090.9 | | 1090.9 | 1.5 | 0.227 |  | | 2081.7 | | 2081.7 | 2.8 | 0.094 |
| particip#gendr#educ | 907.2 | 907.2 | 1.3 | 0.260 |  | | 468.7 | | 468.7 | 0.6 | 0.428 |  | | 751.5 | | 751.5 | 1.0 | 0.314 |
| conseq#particip#gendr#educ | 10.8 | 10.8 | 0.0 | 0.902 |  | | 114.6 | | 114.6 | 0.2 | 0.695 |  | | 112.1 | | 112.1 | 0.2 | 0.697 |
| Residual | 588638.3 | 714.4 |  |  |  | | 423651.5 | | 745.9 |  |  |  | | 426931.6 | | 741.2 |  |  |
| Total | 605559.0 | 721.8 |  |  |  | | 439293.4 | | 753.5 |  |  |  | | 444103.9 | | 751.4 |  |  |
| Useful2 |  |  |  |  |  | |  | |  |  |  |  | |  | |  |  |  |
| Source | Partial SS | MS | F | Prob>F |  | | Partial SS | | MS | F | Prob>F |  | | Partial SS | | MS | F | Prob>F |
| Model | 21759.6 | 1450.6 | 2.1 | 0.010 |  | | 19463.9 | | 1297.6 | 1.8 | 0.027 |  | | 21623.3 | | 1441.6 | 2.1 | 0.011 |
| conseq | 1451.6 | 1451.6 | 2.1 | 0.152 |  | | 748.2 | | 748.2 | 1.1 | 0.304 |  | | 62.9 | | 62.9 | 0.1 | 0.765 |
| particip | 265.7 | 265.7 | 0.4 | 0.540 |  | | 134.3 | | 134.3 | 0.2 | 0.663 |  | | 410.5 | | 410.5 | 0.6 | 0.446 |
| conseq#particip | 5058.5 | 5058.5 | 7.2 | 0.008 |  | | 2826.9 | | 2826.9 | 4.0 | 0.046 |  | | 4074.3 | | 4074.3 | 5.8 | 0.017 |
| gendr | 4397.3 | 4397.3 | 6.2 | 0.013 |  | | 4331.1 | | 4331.1 | 6.1 | 0.014 |  | | 5135.4 | | 5135.4 | 7.3 | 0.007 |
| conseq#gendr | 179.6 | 179.6 | 0.3 | 0.615 |  | | 19.0 | | 19.0 | 0.0 | 0.870 |  | | 457.1 | | 457.1 | 0.7 | 0.421 |
| particip#gendr | 207.5 | 207.5 | 0.3 | 0.588 |  | | 2.7 | | 2.7 | 0.0 | 0.951 |  | | 2.5 | | 2.5 | 0.0 | 0.953 |
| conseq#particip#gendr | 2948.0 | 2948.0 | 4.2 | 0.042 |  | | 4241.8 | | 4241.8 | 6.0 | 0.015 |  | | 2118.1 | | 2118.1 | 3.0 | 0.083 |
| educ | 100.3 | 100.3 | 0.1 | 0.707 |  | | 488.7 | | 488.7 | 0.7 | 0.406 |  | | 1999.5 | | 1999.5 | 2.8 | 0.093 |
| conseq#educ | 1810.8 | 1810.8 | 2.6 | 0.110 |  | | 2217.3 | | 2217.3 | 3.1 | 0.077 |  | | 1858.7 | | 1858.7 | 2.6 | 0.105 |
| particip#educ | 1240.8 | 1240.8 | 1.8 | 0.186 |  | | 313.9 | | 313.9 | 0.4 | 0.505 |  | | 153.0 | | 153.0 | 0.2 | 0.641 |
| conseq#particip#educ | 416.0 | 416.0 | 0.6 | 0.443 |  | | 441.1 | | 441.1 | 0.6 | 0.430 |  | | 751.7 | | 751.7 | 1.1 | 0.302 |
| gendr#educ | 1920.5 | 1920.5 | 2.7 | 0.100 |  | | 2075.6 | | 2075.6 | 2.9 | 0.087 |  | | 2224.7 | | 2224.7 | 3.2 | 0.076 |
| conseq#gendr#educ | 138.5 | 138.5 | 0.2 | 0.658 |  | | 29.3 | | 29.3 | 0.0 | 0.839 |  | | 459.4 | | 459.4 | 0.7 | 0.420 |
| particip#gendr#educ | 1706.1 | 1706.1 | 2.4 | 0.121 |  | | 852.7 | | 852.7 | 1.2 | 0.273 |  | | 913.6 | | 913.6 | 1.3 | 0.255 |
| conseq#particip#gendr#educ | 1085.4 | 1085.4 | 1.5 | 0.216 |  | | 308.1 | | 308.1 | 0.4 | 0.509 |  | | 376.1 | | 376.1 | 0.5 | 0.465 |
| Residual | 582939.8 | 707.5 |  |  |  | | 401507.3 | | 706.9 |  |  |  | | 405620.7 | | 704.2 |  |  |
| Total | 604699.4 | 720.7 |  |  |  | | 420971.2 | | 722.1 |  |  |  | | 427244.1 | | 722.9 |  |  |

The results are largely similar regardless of the restriction since gender inequality preserves the only inequality to consistently affect legitimacy and the interaction terms do not reach significance.