**Appendix A: Variable Coding and Descriptive Statistics**

*Satisfaction with the political system* – scale 1–10; 1 = not satisfied at all, 10= completely satisfied

*Confidence in country’s institutions* – scale 0–3; 0 = not at all, 1 = not very much, 2 = quite a deal, 3 = a great deal

*Participatory acts* – ordinal 0–3; 0 = “have not done”, 1 = “might do”, 2 = “have done”

*Age* – continuous; age at the time of the survey

*Sex* – binary; 0 = man; 1 = woman

*Education* – continuous; 1 = none, 2 = primary incomplete, 3 = primary, 4 = secondary incomplete – technical/vocational, 5 = secondary – technical/vocational, 6 = secondary incomplete – university preparatory, 7 = secondary complete, university preparatory, 8 = some university education, 9 = university degree.

*Income* – scale 1–10; 1 = lowest decile, 10 = highest decile

*Political Interest* – scale 0–3; 0 = not at all interested, 1 = not very interested, 2 = somewhat interested, 3 = very interested.

Table A1: Descriptive Statistics – 1996 WVS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Min** | **Median** | **Mean** | **Max** | **SD** |
| Age | 18 | 42 | 44.2 | 90 | 16.7 |
| Education | 1 | 5 | 5.8 | 9 | 2.1 |
| Income | 1 | 6 | 5.6 | 10 | 2.5 |
| Political Interest | 0 | 2 | 1.6 | 3 | 0.9 |
| **Variable** | **0** | **1** |  |  |  |
| Gender | 42.3% | 57.7% |  |  |  |

Table A2: Descriptive Statistics – 2018 WVS/ESS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Min** | **Median** | **Mean** | **Max** | **SD** |
| Age | 18 | 46 | 46.8 | 81 | 16.4 |
| Education | 1 | 5 | 5.9 | 9 | 1.8 |
| Income | 1 | 5 | 5.0 | 10 | 1.8 |
| Political Interest | 0 | 1 | 1.3 | 3 | 0.9 |
| **Variable** | **0** | **1** |  |  |  |
| Gender | 42.9% | 57.1% |  |  |  |

**Appendix B: Participatory Analysis Estimating Logistic Regression Models**

Table B1: Logit Models Predicting Political Participation – 1996 & 2018

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Petition |  | Boycott |  | Strike |  | Demonstrate |  |
|  | 1996 | 2018 | 1996 | 2018 | 1996 | 2018 | 1996 | 2018 |
| (Intercept) | -1.68\* | -0.60 | -1.76\* | -0.87 | -1.49\* | -1.72\* | -1.28\* | -1.24\* |
|  | (0.32) | (0.39) | (0.37) | (0.49) | (0.41) | (0.59) | (0.31) | (0.41) |
| Age | -0.01\* | -0.01\* | -0.02\* | -0.02\* | -0.03\* | -0.01\* | -0.00 | -0.00 |
|  | (0.00) | (0.00) | (0.00) | (0.01) | (0.01) | (0.01) | (0.00) | (0.00) |
| Sex | -0.28\* | -0.32\* | -0.48\* | -0.64\* | -0.77\* | -0.88\* | -0.15 | -0.30\* |
|  | (0.11) | (0.13) | (0.12) | (0.17) | (0.14) | (0.21) | (0.10) | (0.14) |
| Education | 0.10\* | 0.11\* | 0.08\* | 0.08 | 0.13\* | 0.18\* | 0.07\* | 0.07 |
|  | (0.03) | (0.04) | (0.03) | (0.05) | (0.04) | (0.06) | (0.03) | (0.04) |
| Income | 0.11\* | 0.01 | 0.14\* | 0.01 | 0.07\* | -0.00 | 0.10\* | -0.01 |
|  | (0.02) | (0.04) | (0.03) | (0.05) | (0.03) | (0.06) | (0.02) | (0.04) |
| Political Interest | 0.42\* | 0.67\* | 0.38\* | 0.61\* | 0.44\* | 0.53\* | 0.34\* | 0.70\* |
|  | (0.06) | (0.08) | (0.07) | (0.10) | (0.09) | (0.11) | (0.06) | (0.08) |
| Satisfaction w/ Political System | -0.06\* | -0.17\* | -0.11\* | -0.18\* | -0.21\* | -0.24\* | 0.02 | -0.13\* |
|  | (0.03) | (0.03) | (0.03) | (0.04) | (0.04) | (0.04) | (0.03) | (0.03) |
| N | 1708 | 1198 | 1691 | 1183 | 1701 | 1184 | 1730 | 1187 |
| AIC | 2166.3 | 1385.2 | 1715.6 | 921.3 | 1351.0 | 709.4 | 2313.9 | 1318.3 |
| BIC | 2318.7 | 1527.7 | 1867.8 | 1063.4 | 1503.3 | 851.6 | 2466.7 | 1460.6 |
| Log Likelihood | -1055.1 | -664.6 | -829.8 | -432.7 | -647.5 | -326.7 | -1129.0 | -631.2 |

\* indicates statistical significance at p > 0.05. Standard errors in parentheses. Survey weights utilized.

Dependent variable: 0 = “Would never do”; 1 = “Might do”/”Have done.”

Figure 1B: Impact of Satisfaction w/ the Political System on Participatory Activity – Logit Models



Predicted probabilities calculated holding all independent variables at their survey weighted means. 95% confidence bounds displayed.

**Appendix C: Plotting Confidence in Institutions (w/ 2011 WVS)**

Figure C1: Confidence in Country’s Institutions – 1996, 2011, & 2018



\* Indicates a statistically different bivariate difference between 1998 and 2011. Years 2011 and 2018 were only statistically different for confidence in civil service.