**Online Appendix for “*Economic Considerations and Public Support for Environment Policy in East and Southeast Asia*”**

**Table A1.The Number of Respondents Across Countries**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Support | Oppose | Missing values (NA) | Total Respondents | Percentage of supporting environmental policy |
| Cambodia | 582 | 598 | 20 | 1200 | 48 |
| China | 2509 | 871 | 688 |  4068 | 62 |
| Indonesia | 692 | 586 | 272 | 1550 | 45 |
| Japan | 484 | 406 | 191 | 1081 | 45 |
| Korea | 416 | 658 | 126 | 1200 | 35 |
| Malaysia | 568 | 568 | 71 | 1207 | 47 |
| Mongolia | 844 | 359 | 25 | 1228 | 69 |
| Myanmar | 960 | 556 | 104 | 1620 | 59 |
| Philippines | 699 | 484 | 17 | 1200 | 58 |
| Singapore | 416 | 390 | 233 | 1039 | 40 |
| Thailand | 458 | 530 | 212 | 1200 | 38 |
| Vietnam | 812 | 338 | 50 | 1200 | 68 |

Note. The original question we use is “ there are two statements: (1) Protecting the environment should be given priority, even if it causes slower economic growth and some loss of jobs; and (2) creating jobs should be the top priority, even if the environment suffers to some extent. Which of these statements comes closer to your view? We coded 1 if a respondent answered, 'Protecting the environment should be given priority', and 0 for 'Economic growth and creating jobs should be the top priority'. Do not understand the question (7); Can’t choose (8); Decline to answer (9). We treated (7), (8), and (9) as missing values (NA).

**Table A2. Summary Statistics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Statistic | N | Mean | St. Dev. | Min | Max |
| GDP growth | 17,793 | 5.50 | 2.20 | 0.91 | 7.90 |
| Unemployment | 17,793 | 3.60 | 2.20 | 0.10 | 7.90 |
| Female | 17,789 | 0.51 | 0.50 | 0.00 | 1.00 |
| Education | 17,734 | 5.40 | 2.60 | 1.00 | 10.00 |
| Employment status | 17,744 | 1.30 | 0.46 | 1.00 | 2.00 |
| Income | 15,140 | 2.60 | 1.30 | 1.00 | 5.00 |
| Environment support | 15,784 | 0.60 | 0.49 | 0.00 | 1.00 |
| Sociotropic | 17,224 | 2.80 | 0.96 | 1.00 | 5.00 |
| Pocketbook | 17,710 | 2.90 | 0.77 | 1.00 | 5.00 |
| Marriage | 17,700 | 2.00 | 0.73 | 1.00 | 5.00 |
| Residence | 17,744 | 1.50 | 0.50 | 1.00 | 2.00 |
| Age rescaled | 17,558 | 0.44 | 0.15 | 0.17 | 0.80 |
| GDP per capita rescaled | 17,793 | 1.20 | 1.50 | 0.11 | 5.60 |

| **Table A3. Multi-level Models with Selected Sample** |
| --- |
|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** | **Model 8** | **Model 9** | **Model 10** | **Model 11** | **Model 12** |
| **Country omitted** | *Cambodia* | *China* | *Indonesia* | *Japan* | *Korea* | *Malaysia* | *Mongolia* | *Myanmar* | *Philippines* | *Singapore* | *Thailand* | *Vietnam* |
| (Intercept) | -0.71\* | -0.48 | -0.73 | -0.73 | -0.46 | -0.57 | -0.60 | -0.63 | -0.56 | -0.68 | -0.74 | -0.72 |
|  | (0.36) | (0.33) | (0.40) | (0.38) | (0.34) | (0.37) | (0.41) | (0.39) | (0.39) | (0.45) | (0.62) | (0.38) |
| female | -0.09\* | -0.05 | -0.09\* | -0.07 | -0.09\* | -0.06 | -0.06 | -0.06 | -0.10\* | -0.08\* | -0.07 | -0.10\* |
|  | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) | (0.04) |
| education | 0.07\*\*\* | 0.05\*\*\* | 0.07\*\*\* | 0.06\*\*\* | 0.07\*\*\* | 0.06\*\*\* | 0.07\*\*\* | 0.06\*\*\* | 0.07\*\*\* | 0.07\*\*\* | 0.07\*\*\* | 0.07\*\*\* |
|  | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| age | 0.00 | 0.01 | -0.01 | -0.01 | -0.00 | -0.01 | -0.01 | -0.00 | -0.02 | -0.01 | -0.02 | -0.00 |
|  | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.01) | (0.02) | (0.02) |
| income | 0.04\* | 0.02 | 0.05\*\* | 0.05\*\* | 0.05\*\* | 0.03 | 0.05\*\* | 0.04\* | 0.04\* | 0.04\* | 0.05\*\* | 0.04\* |
|  | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| currentemp | 0.02 | -0.02 | 0.06 | 0.02 | 0.01 | 0.03 | -0.00 | 0.06 | 0.07 | 0.03 | 0.03 | 0.05 |
|  | (0.04) | (0.04) | (0.05) | (0.04) | (0.04) | (0.04) | (0.04) | (0.05) | (0.05) | (0.04) | (0.04) | (0.04) |
| sociotropic | 0.02 | 0.00 | 0.03 | 0.03 | 0.01 | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | -0.00 | 0.03 |
|  | (0.02) | (0.03) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| pocketbook | -0.05 | -0.05 | -0.05 | -0.08\*\* | -0.07\*\* | -0.08\*\* | -0.07\* | -0.07\*\* | -0.07\* | -0.06\* | -0.07\* | -0.07\* |
|  | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| residence | 0.02 | -0.02 | 0.04 | 0.03 | 0.00 | 0.04 | 0.07 | -0.00 | -0.00 | 0.03 | 0.06 | 0.05 |
|  | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) | (0.04) | (0.05) | (0.05) |
| marriage | 0.03 | 0.01 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 |
|  | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| unemployment | -0.02 | 0.02 | 0.03 | 0.02 | 0.03 | 0.01 | 0.01 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 |
|  | (0.05) | (0.04) | (0.05) | (0.04) | (0.04) | (0.04) | (0.05) | (0.05) | (0.05) | (0.05) | (0.05) | (0.04) |
| gdp\_pcscaled | -0.00 | -0.00 | -0.01 | -0.01 | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 | -0.00 |
|  | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| gdp\_growth | 0.13\* | 0.09\* | 0.10 | 0.13\* | 0.09 | 0.12\* | 0.10 | 0.09 | 0.10 | 0.11 | 0.13 | 0.10 |
|  | (0.05) | (0.05) | (0.06) | (0.06) | (0.05) | (0.05) | (0.06) | (0.06) | (0.06) | (0.07) | (0.08) | (0.05) |
| AIC | 15662.49 | 15258.15 | 15626.76 | 16344.24 | 15900.66 | 15824.31 | 15900.77 | 15525.71 | 15738.69 | 16500.15 | 16040.70 | 15907.24 |
| BIC | 15766.10 | 15360.97 | 15730.32 | 16448.40 | 16004.43 | 15928.04 | 16004.43 | 15629.09 | 15842.33 | 16604.44 | 16144.63 | 16010.90 |
| Log Likelihood | -7817.24 | -7615.07 | -7799.38 | -8158.12 | -7936.33 | -7898.15 | -7936.38 | -7748.85 | -7855.35 | -8236.08 | -8006.35 | -7939.62 |
| Num. obs. | 12095 | 11435 | 12061 | 12578 | 12235 | 12202 | 12137 | 11901 | 12123 | 12695 | 12375 | 12133 |
| Num. groups: country | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Var: country (Intercept) | 0.10 | 0.08 | 0.12 | 0.10 | 0.08 | 0.10 | 0.12 | 0.11 | 0.11 | 0.12 | 0.11 | 0.11 |
| *\*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05* |

**Table A4: replicate Table 1 with each country with individual-level predictors**

|  | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** | **Model 8** | **Model 9** | **Model 10** | **Model 11** | **Model 12** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country**  | *Cambodia* | *China* | *Indonesia* | *Japan* | *Korea* | *Malaysia* | *Mongolia* | *Myanmar* | *Philippines* | *Singapore* | *Thailand* | *Vietnam* |
| (Intercept) | 0.53 | 0.50 | 1.28\* | -0.83 | -1.71\* | -0.80 | 1.28\* | 0.07 | -0.13 | 0.30 | -1.53\*\* | 1.49\* |
|   | (0.46) | (0.46) | (0.51) | (0.82) | (0.76) | (0.47) | (0.57) | (0.48) | (0.42) | (0.75) | (0.58) | (0.58) |
| female | 0.05 | -0.21 | 0.12 | -0.09 | 0.03 | -0.30\* | -0.31\* | -0.26\* | 0.14 | 0.06 | -0.21 | 0.21 |
|   | (0.13) | (0.11) | (0.14) | (0.16) | (0.14) | (0.13) | (0.14) | (0.12) | (0.13) | (0.17) | (0.14) | (0.14) |
| education | -0.00 | 0.13\*\*\* | 0.03 | 0.20\*\*\* | -0.01 | 0.08\* | 0.07\* | 0.09\*\*\* | 0.04 | -0.02 | 0.06 | 0.01 |
|   | (0.03) | (0.03) | (0.03) | (0.05) | (0.05) | (0.03) | (0.03) | (0.03) | (0.03) | (0.05) | (0.04) | (0.04) |
| age | -0.11\* | -0.08 | -0.02 | 0.03 | -0.11 | 0.06 | -0.00 | -0.08 | 0.09\* | -0.00 | 0.18\*\* | -0.11 |
|   | (0.05) | (0.04) | (0.05) | (0.06) | (0.06) | (0.05) | (0.05) | (0.05) | (0.04) | (0.08) | (0.06) | (0.06) |
| income | 0.05 | 0.13\*\* | -0.04 | -0.09 | 0.02 | 0.18\*\* | -0.13 | 0.15\* | 0.03 | 0.24\*\* | -0.14 | 0.08 |
|   | (0.06) | (0.05) | (0.05) | (0.07) | (0.06) | (0.06) | (0.07) | (0.07) | (0.07) | (0.08) | (0.07) | (0.05) |
| employment | 0.35\* | 0.30\* | -0.19 | 0.07 | 0.24 | 0.05 | 0.16 | -0.21 | -0.25 | 0.00 | 0.01 | -0.22 |
|   | (0.18) | (0.15) | (0.14) | (0.19) | (0.15) | (0.14) | (0.14) | (0.13) | (0.13) | (0.20) | (0.21) | (0.17) |
| sociotropic | 0.07 | 0.03 | -0.13 | -0.19 | 0.12 | -0.11 | 0.02 | 0.06 | 0.02 | -0.05 | 0.30\*\*\* | -0.21\* |
|   | (0.08) | (0.06) | (0.08) | (0.10) | (0.09) | (0.08) | (0.09) | (0.08) | (0.07) | (0.13) | (0.09) | (0.10) |
| pocketbook | -0.23\* | -0.12 | -0.21\* | 0.12 | 0.01 | 0.06 | -0.06 | 0.06 | -0.03 | -0.11 | -0.08 | 0.00 |
|   | (0.09) | (0.07) | (0.09) | (0.11) | (0.10) | (0.09) | (0.10) | (0.10) | (0.08) | (0.13) | (0.12) | (0.12) |
| residence | 0.08 | 0.27\* | -0.08 | -0.01 | 0.52\* | -0.07 | -0.54\*\* | 0.25 | 0.21 |  | -0.33 | -0.23 |
|   | (0.17) | (0.14) | (0.13) | (0.27) | (0.23) | (0.13) | (0.17) | (0.14) | (0.13) |  | (0.18) | (0.15) |
| marriage | -0.07 | -0.01 | 0.10 | -0.01 | 0.25\* | -0.05 | 0.04 | 0.03 | -0.00 | -0.22 | 0.03 | 0.11 |
|   | (0.08) | (0.10) | (0.12) | (0.09) | (0.11) | (0.11) | (0.11) | (0.10) | (0.08) | (0.14) | (0.09) | (0.13) |
| AIC | 1625.24 | 1988.88 | 1662.00 | 948.35 | 1382.60 | 1467.94 | 1377.52 | 1761.06 | 1553.66 | 797.25 | 1225.21 | 1382.50 |
| BIC | 1675.93 | 2044.02 | 1712.98 | 993.75 | 1432.02 | 1517.68 | 1427.85 | 1813.28 | 1604.11 | 836.44 | 1273.18 | 1432.86 |
| Log Likelihood | -802.62 | -984.44 | -821.00 | -464.17 | -681.30 | -723.97 | -678.76 | -870.53 | -766.83 | -389.63 | -602.60 | -681.25 |
| Deviance | 1605.24 | 1968.88 | 1642.00 | 928.35 | 1362.60 | 1447.94 | 1357.52 | 1741.06 | 1533.66 | 779.25 | 1205.21 | 1362.50 |
| Num. obs. | 1175 | 1835 | 1209 | 692 | 1035 | 1068 | 1133 | 1369 | 1147 | 575 | 895 | 1137 |
| \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05 |

**Table A5. Effects of economic conditions and perceptions on pro-environment policy with country weights**

|  | **Model 1** | **Model 2** |
| --- | --- | --- |
| (Intercept) | -0.16 | -0.73 |
|   | (0.21) | (0.38) |
| Female | -0.08\* | -0.08\* |
|   | (0.04) | (0.04) |
| Education | 0.07\*\*\* | 0.07\*\*\* |
|   | (0.01) | (0.01) |
| Age | -0.04 | -0.03 |
|   | (0.15) | (0.15) |
| Income | 0.04\*\* | 0.04\*\* |
|   | (0.02) | (0.02) |
| Employment status | 0.03 | 0.03 |
|   | (0.04) | (0.04) |
| Sociotropic | 0.02 | 0.02 |
|   | (0.02) | (0.02) |
| Pocketbook Concern | -0.07\* | -0.07\* |
|   | (0.03) | (0.03) |
| Residence Concern | 0.02 | 0.03 |
|   | (0.04) | (0.04) |
| Marriage | 0.02 | 0.02 |
|   | (0.03) | (0.03) |
| Weights | 0.08 | 0.08 |
|   | (0.05) | (0.05) |
| Unemployment Rate |   | 0.02 |
|   |   | (0.04) |
| GDP per capita rescaled |   | -0.04 |
|   |   | (0.07) |
| Growth rate |   | 0.11\* |
|   |   | (0.05) |
| AIC | 17294.87 | 17293.92 |
| BIC | 17384.79 | 17406.32 |
| Log Likelihood | -8635.43 | -8631.96 |
| Num. obs. | 13270 | 13270 |
| Num. groups: country | 12 | 12 |
| Var: country (Intercept) | 0.20 | 0.11 |
| \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05 |

Note: The models are estimated via multi-level logistic regression models accounting for country heterogeneity with weights.

**Table A6. The effect of Economic Consideration on Environmental Policy Attitude By Excluding Income Groups**

|  |  |  |  |
| --- | --- | --- | --- |
|  | (1) | (2) | (3) |
| *Country Group Excluded* | *Lower-Middle Income* | *Upper-Middle Income* | *High Income* |
| Female | -0.15\*\* | -0.00 | -0.09\* |
|  | (0.06) | (0.04) | (0.04) |
| Education | 0.08\*\*\* | 0.06\*\*\* | 0.07\*\*\* |
|  | (0.01) | (0.01) | (0.00) |
| Age | 0.00 | -0.00 | -0.00 |
|  | (0.00) | (0.00) | (0.00) |
| Employment | 0.17\*\* | -0.01 | 0.00 |
|  | (0.06) | (0.05) | (0.05) |
| Income | 0.06\*\* | 0.01 | 0.05\*\* |
|  | (0.02) | (0.01) | (0.02) |
| Sociotropic Concern | 0.05 | -0.02 | 0.03 |
|  | (0.04) | (0.03) | (0.03) |
| Pocketbook Concern | -0.03 | -0.06\* | -0.08\*\* |
|  | (0.04) | (0.03) | (0.03) |
| Marriage | 0.00 | 0.02 | 0.09 |
|  | (0.07) | (0.05) | (0.05) |
| Residence | -0.12 | 0.10 | -0.01 |
|  | (0.08) | (0.07) | (0.05) |
| Unemployment Rate | 0.11 | 0.03 | 0.03 |
|  | (0.23) | (0.04) | (0.04) |
| GDP per capita | -0.93 | -0.08 | -0.51 |
|  | (1.16) | (0.84) | (3.31) |
| GDP Growth | 0.07 | 0.12 | 0.12 |
|  | (0.12) | (0.07) | (0.06) |
| cut1 | 1.14\* | 0.46 | 0.61 |
|  | (0.57) | (0.56) | (0.41) |
| Var: country (Intercept) | 0.20 | 0.08\* | 0.09\* |
|  | (0.12) | (0.04) | (0.04) |
| *N* | 6100 | 9428 | 10924 |

Standard errors in parentheses

\*\*\* p < 0.001, \* p < 0.05, \*\* p < 0.01

**Table A7. Death due to Air Pollution and Economic Growth**

|  |  |  |
| --- | --- | --- |
| Continent | Average shares of death due to outdoor air pollution (%) | Average economic growth rate |
| Asia | 7.83 | 3.00 |
| Europe | 5.68 | 3.07 |
| Africa | 3.42 | 2.12 |
| North America | 2.47 | 2.04 |
| Latin America & Caribbean | 4.35 | 1.62 |
| Oceania | 2.02 | 0.98 |

**Table A8. Heterogeneity in the effect of economic considerations by income groups**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Model 1 | Model 2 | Model 3 |
|  | Lower-Middle Income | Upper-Middle Income | High Income |
| Female | -0.03 | -0.24\*\*\* | -0.02 |
|  | (0.05) | (0.07) | (0.09) |
| Education | 0.05\*\*\* | 0.10\*\*\* | 0.06\* |
|  | (0.01) | (0.02) | (0.03) |
| Age | -0.00 | 0.00 | -0.00 |
|  | (0.00) | (0.00) | (0.00) |
| Employment Status | -0.08 | 0.16+ | 0.15 |
|  | (0.06) | (0.09) | (0.10) |
| Income | 0.02 | 0.09\*\* | 0.03 |
|  | (0.02) | (0.03) | (0.03) |
| Sociotropic Concern | -0.01 | 0.09\* | -0.04 |
|  | (0.03) | (0.04) | (0.06) |
| Pocketbook Concern | -0.09\* | -0.07 | 0.02 |
|  | (0.04) | (0.05) | (0.07) |
| Marriage | -0.00 | 0.03 | 0.08 |
|  | (0.04) | (0.05) | (0.05) |
| Residence | 0.02 | -0.01 | -0.08 |
|  | (0.03) | (0.04) | (0.06) |
| Unemployment Rate | -0.02 | 1.16+ | 0.07 |
|  | (0.10) | (0.68) | (0.48) |
| Growth Rate | 0.19+ | -0.53 | -0.25\*\*\* |
|  | (0.10) | (0.50) | (0.07) |
| GDP per capita | 0.00 | 0.00 | 0.00+ |
|  | (0.00) | (0.00) | (0.00) |
| cut1 | 0.975 | 1.729 | 1.310 |
|  | (0.821) | (1.386) | (2.036) |
| var(\_cons[country]) | 0.046 | 0.000 | 0.000 |
|  | (0.029) | (0.000) | (0.000) |
| N | 7183 | 3828 | 2309 |
| Standard errors in parentheses |  |
| + p<0.10 \* p<0.05 \*\* p<0.01 \*\*\* p<0.001 |

**Table A9. Fixed-effects models with country dummies**

|  |
| --- |
|  | **Model 3** | **Model 4** |
| (Intercept) | -0.23 | 6.93 |
|   | (0.15) | (5.63) |
| Female | -0.08\* | -0.08\* |
|   | (0.04) | (0.04) |
| Education | 0.07\*\*\* | 0.07\*\*\* |
|   | (0.01) | (0.01) |
| Age | -0.08 | -0.08 |
|   | (0.15) | (0.15) |
| Employment | 0.03 | 0.03 |
|   | (0.04) | (0.04) |
| Income | 0.04\*\* | 0.04\*\* |
|   | (0.02) | (0.02) |
| Sociotropic Concern | 0.02 | 0.02 |
|   | (0.02) | (0.02) |
| Pocketbook Concern | -0.07\* | -0.07\* |
|   | (0.03) | (0.03) |
| Residence | 0.03 | 0.03 |
|   | (0.04) | (0.04) |
| Marriage | 0.02 | 0.02 |
|   | (0.03) | (0.03) |
| *Country dummies* |  |  |
| China | 1.00\*\*\* | -2.98 |
|   | (0.08) | (3.35) |
| Indonesia | 0.07 | -2.83\*\* |
|   | (0.09) | (0.92) |
| Japan | -0.05 | -31.30 |
|   | (0.11) | (33.68) |
| Korea | -0.73\*\*\* | -22.09 |
|   | (0.10) | (22.51) |
| Malaysia | -0.16 | -7.47 |
|   | (0.09) | (7.41) |
| Mongolia | 0.63\*\*\* | 0.96 |
|   | (0.09) | (2.47) |
| Myanmar | 0.51\*\*\* | 0.60 |
|   | (0.08) | (0.35) |
| Philippines | 0.19\* | -0.78 |
|   | (0.09) | (1.27) |
| Singapore | -0.14 | -40.16 |
|   | (0.11) | (45.41) |
| Thailand | -0.23\* | -10.15 |
|   | (0.09) | (8.94) |
| Vietnam | 0.65\*\*\* |  NA |
|   | (0.09) |   |
| Unemployment |   | -0.18 |
|   |   | (0.52) |
| GDP per capita |   | 0.66 |
|   |   | (0.79) |
| Growth rate |   | -1.12 |
|   |   | (0.92) |
| AIC | 17255.94 | 17257.70 |
| BIC | 17413.30 | 17430.05 |
| Log Likelihood | -8606.97 | -8605.85 |
| Deviance | 17213.94 | 17211.70 |
| Num. obs. | 13270 | 13270 |
| \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05 |

**Note.** Model 3 and 4 reported in Table 1 are estimated using fixed-effects model accounting for country effect. Cambodia is omitted from the dummies as the baseline in Model 3; Cambodia and Vietnam are omitted from the dummies as the baseline in Model 4. Standard errors are in parentheses.

A9-1. We reported our statistical commands (conducted in R) to estimate Models 3-4 reported in Table A9.

Model3=glm(environmentbin~factor(female)+edu+age100+currentemp+income+sociotropic+pocketbook+factor(residence)+marriage+as.factor(country),data = data1, family = binomial)

Model4=glm(environmentbin~factor(female)+edu+age100+income+currentemp+sociotropic+pocketbook+factor(residence)+marriage+unemployment+gdp\_pcscaled+gdp\_growth+as.factor(country),family = binomial, data=data1)

**Table A10. Descriptive Statistics of National-level Covariates by Country**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Cambodia | China | Indonesia |
| *Variable* | *Obs* | *Mean* | *Std. dev.* | *Min* | *Max* | *Obs* | *Mean* | *Std. dev.* | *Min* | *Max* | *Obs* | *Mean* | *Std. dev.* | *Min* | *Max* |
| *Unemployment* | 1,177 | 0.1 | 0 | 0.1 | 0.1 | 1,985 | 4.509022 | 0.028653 | 4.5 | 4.6 | 1,227 | 5.6 | 0 | 5.6 | 5.6 |
| *GDP per capita* | 1,177 | 1163.19 | 0 | 1163.19 | 1163.19 | 1,985 | 8074.082 | 15.46321 | 8069.213 | 8123.181 | 1,227 | 3570.295 | 0 | 3570.295 | 3570.295 |
| *GDP Growth* | 1,177 | 7.036087 | 0 | 7.036087 | 7.036087 | 1,985 | 6.881182 | 0.060415 | 6.68935 | 6.900205 | 1,227 | 5.015558 | 0 | 5.015558 | 5.015558 |
|  | Japan | Korea | Malaysia |
| *Variable* | *Obs* | *Mean* | *Std. dev.* | *Min* | *Max* | *Obs* | *Mean* | *Std. dev.* | *Min* | *Max* | *Obs* | *Mean* | *Std. dev.* | *Min* | *Max* |
| *Unemployment* | 701 | 3.1 | 0 | 3.1 | 3.1 | 1,037 | 3.6 | 0 | 3.6 | 3.6 | 1,071 | 2.9 | 0 | 2.9 | 2.9 |
| *GDP per capita* | 701 | 38900.57 | 0 | 38900.57 | 38900.57 | 1,037 | 27105.08 | 0 | 27105.08 | 27105.08 | 1,071 | 11183.73 | 0 | 11183.73 | 11183.73 |
| *GDP Growth* | 701 | 1.031615 | 0 | 1.031615 | 1.031615 | 1,037 | 2.790236 | 0 | 2.790236 | 2.790236 | 1,071 | 6.006722 | 0 | 6.006722 | 6.006722 |
|  | Mongolia | Myanmar | Philippines |
| *Variable* | Obs | Mean | Std. dev. | Min | Max | Obs | Mean | Std. dev. | Min | Max | Obs | Mean | Std. dev. | Min | Max |
| *Unemployment* | 1,147 | 7.9 | 0 | 7.9 | 7.9 | 1,439 | 0.8 | 0 | 0.8 | 0.8 | 1,156 | 6.6 | 0 | 6.6 | 6.6 |
| *GDP per capita* | 1,147 | 4181.583 | 0 | 4181.583 | 4181.583 | 1,439 | 1138.992 | 0 | 1138.992 | 1138.992 | 1,156 | 2842.938 | 0 | 2842.938 | 2842.938 |
| *GDP Growth* | 1,147 | 7.885225 | 0 | 7.885225 | 7.885225 | 1,439 | 6.992516 | 0 | 6.992516 | 6.992516 | 1,156 | 6.145299 | 0 | 6.145299 | 6.145299 |
|  | Singapore | Thailand | Vietnam |
| *Variable* | Obs | Mean | Std. dev. | Min | Max | Obs | Mean | Std. dev. | Min | Max | Obs | Mean | Std. dev. | Min | Max |
| *Unemployment* | 584 | 2.751299 | 0.226381 | 1.7 | 2.8 | 907 | 0.8 | 0 | 0.8 | 0.8 | 1,140 | 2.1 | 0 | 2.1 | 2.1 |
| *GDP per capita* | 584 | 56216.26 | 556.9661 | 53629.74 | 56336.07 | 907 | 5941.841 | 0 | 5941.841 | 5941.841 | 1,140 | 2065.169 | 0 | 2065.169 | 2065.169 |
| *GDP Growth* | 584 | 3.499676 | 0.337437 | 1.93264 | 3.572267 | 907 | 0.914519 | 0 | 0.914519 | 0.914519 | 1,140 | 6.679289 | 0 | 6.679289 | 6.679289 |

**Table A11. National-level Covariates of China and Singapore**

|  |  |  |
| --- | --- | --- |
|  | China | Singapore |
| *Year* | 2015 | 2016 | 2014 | 2015 |
| *Number of Obs.* | 1773 | 212 | 566 | 18 |
| *Unemployment* | 4.5 | 4.6 | 1.7 | 2.8 |
| *GDP per capita* | 8069.213 | 8123.181 | 53629.74 | 56336.07 |
| *GDP Growth* | 6.68935 | 6.900205 | 1.93264 | 3.572267 |

** Figure A1. Country Heterogeneity in Predicted Probability of Environmentalism by Income Levels**

 (a) GDP per capita (b) St. Dev. Of GDP per capita



**Figure A2. Variations in Economic Development Within Continents, 1996-2016**