Supplementary Information for

“Identifying the Most Important Predictors of Support for Climate Policy in the United States”

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Table S1

Means, standard deviations, and Levene’s test for equality of variances for all content variables included in analyses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Full Sample | Dem. | Rep. | Dem. vs. Rep. Equality of Variances |
|  | *M* (*SD*) | *F* (*p*) |
| Happening Certainty | 6.79 (2.40) | 8.14 (1.59) | 5.36 (2.53) | 614.14 (<.001) |
| Human-Caused | 3.16 (1.05) | 3.69 (.71) | 2.59 (1.05) | 389.03 (<.001) |
| Risk Perceptions | 2.85 (1.00) | 3.44 (.61) | 2.19 (.95) | 323.63 (<.001) |
| General Affect | 4.86 (1.32) | 5.49 (1.10) | 4.15 (1.20) | 17.26 (<.001) |
| Worry GW | 2.75 (1.02) | 3.36 (.72) | 2.11 (.89) | 30.18 (<.001) |
| Worry Extreme Weather | 1.83 (.65) | 1.98 (.68) | 1.69 (.58) | 31.73 (<.001) |
| Descriptive Norm | 2.43 (1.04) | 2.82 (.99) | 2.03 (.94) | 1.026 (.311) |
| Injunctive Norm | 2.57 (1.19) | 3.10 (1.09) | 2.02 (1.04) | .01 (.933) |
| Policy Support | 2.84 (.73) | 3.27 (.48) | 2.36 (.68) | 118.72 (<.001) |

*Note. M* = mean; *SD* = standard deviation; Dem. = Democrat; Rep. = Republican; GW = Global Warming. Significant Levene’s tests denote *unequal* variances.

Table S2

Missing Data

|  |  |  |
| --- | --- | --- |
| Variable | Frequency (Percentage of Sample) |  |
| Gender | 0 (0) |
| Age | 0 (0) |  |
| Education | 0 (0) |  |
| Income | 0 (0) |  |
| Happening Certainty | 0 (0) |  |
| Human-Caused | 24 (1.16) |  |
| Risk Perceptions | 79 (3.83) |  |
| General Affect | 38 (1.84) |  |
| Worry GW | 0 (0) |  |
| Worry Extreme Weather | 3 (0.15) |  |
| Descriptive Norm | 243 (11.78) |  |
| Injunctive Norm | 279 (13.52) |  |

Table S3

Collinearity diagnostics

|  |  |  |
| --- | --- | --- |
|  | Block Model | Full Model |
| **1. Demographics** | Variance Inflation Factor |
| Gender | 1.01 | 1.04 |
| Age | 1.00 | 1.02 |
| Education | 1.17 | 1.23 |
| Income | 1.18 | 1.19 |
| **2. GW Beliefs** |  |  |
| Happening Certainty | 1.86 | 3.19 |
| Human-Caused | 1.86 | 2.24 |
| **3. Risk Perceptions** | 1.00 | 4.13 |
| **4. Affect** |  |  |
| General Affect | 1.64 | 1.97 |
| Worry GW | 1.87 | 4.00 |
| Worry Extreme Weather | 1.21 | 1.30 |
| **5. Social Norms** |  |  |
| Descriptive Norm | 2.04 | 2.17 |
| Injunctive Norm | 2.04 | 2.55 |