**Supplementary Appendix for “Do Partisanship and Politicization Undermine the Impact of a Scientific Consensus Message about Climate Change?”**

In this appendix, we provide various alternative model specifications. The details are as follows.

1. Tables A1-A5 add control variables to our main models. They show that the results reported in Table 1-Table 5 (in the paper) are generally robust when control variables are added with a few exceptions. First, the impact of the consensus statement on perception of a consensus falls just short of statistical significance (*p* =.137) for high knowledge Republicans (see Table A5). Second, for high knowledge Republicans, the consensus statement significantly decreases belief in human-induced climate change in model 2 (*p* < .05). Third, for low knowledge Republicans (see Table A3), the positive significant effect of the consensus message on policy support disappears in the presence of politicization (shown in the paper, Table 3, model 4).

2. Tables A6-A13 employ a distinct knowledge split. Specifically, for our knowledge median split in the paper, we coded those who answered fewer than 7 questions correctly as “low knowledge” (a total of 45% of the sample) and those who answered greater than 6 questions as “high knowledge” (a total of 55% of the sample). If we look at this knowledge split only among Democratic respondents, the relevant percentages are 43% coded as “low knowledge” and 57% coded as “high knowledge”; the relevant percentages for Republicans are 40% coded “low knowledge and 60% coded “high knowledge.” A median split at less than 8 correct answers for “low knowledge” and greater than 7 answers correct for “high knowledge” generates 58% of Democrats coded as “low knowledge” and 42% coded as “high knowledge”; the relevant percentages for Republicans are 55% coded “low knowledge” and 45% coded “high knowledge.”

In Tables A6-A13, then, we re-run all analyses using a median split at less than 8 or greater than 7 correct answers to the objective knowledge items, instead of less than 7 or more than 6 to categorize “low” and “high” knowledge partisans. Tables A6-A9 are without control variables while A10-A13 add control variables. We find largely similar results for Democrats, with the main exception being a positive and significant effect for the consensus condition on perception of scientific consensus among high knowledge Democrats (compare Table A8 to Table 4); for low knowledge Democrats, the scientific consensus effect becomes only marginally significant (p=.107). For low knowledge Republicans, we no longer find a significant effect for the scientific consensus condition on perception of a scientific consensus (*p*= .156). We also no longer see a significant positive impact of the consensus message in the presence of politicization among this group (as appeared in Table 3, model 1).

3. Tables A14-A17 employed a knowledge split only using *political* knowledge items to create distinct subgroups.

4. Tables A18-A19 look at another measure included on the survey. Specifically, we measured confidence in science by asking “Would you say you have a great deal of confidence, only some confidence, or hardly any confidence at all in the Scientific Community?,” on a fully labeled 3-point scale from “hardly any” to “a great deal.”

5. Tables A20-A29 present policy models that include only belief in human-induced climate change and then models that include both a belief in human-induced climate change and perceptions of consensus as independent variables for each subgroup. In every case, all these variables are significant. In the paper, we only include belief in human-induced climate change, in line with the gateway model.

6. Tables A30-A35 present results for pure Independents, which we excluded from the analyses in the paper. We find, surprisingly, the experimental treatments have no effects on pure Independents. We are uncertain what explains the non-effects (e.g., the consensus statement did not lead pure Independents to increase their belief in the existence of a scientific consensus regarding human-induced climate change).

**Table A1. Message Effects on All Partisans (with Controls)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.724*\*\*\** | 0.0761 | -0.0297 | 0.00709 | -0.000652 |
|  | (0.236) | (0.134) | (0.131) | (0.0217) | (0.0188) |
| Politicization | 0.0979 | -0.257*\** | -0.277*\*\** | -0.00116 | 0.0200 |
|  | (0.222) | (0.131) | (0.127) | (0.0211) | (0.0183) |
| Warning | 0.332 | 0.0137 | -0.0429 | -0.00302 | -0.00345 |
|  | (0.224) | (0.132) | (0.128) | (0.0212) | (0.0184) |
| Correction | 0.122 | -0.0897 | -0.108 | 0.0199 | 0.0265 |
|  | (0.231) | (0.136) | (0.132) | (0.0220) | (0.0190) |
| Percep. of Cons. |  |  | 0.686*\*\*\** |  |  |
|  |  |  | (0.0865) |  |  |
| Human-Induc. |  |  |  |  | 0.0798*\*\*\** |
|  |  |  |  |  | (0.00466) |
| Age | -0.0550 | 0.0610 | 0.0677*\** | -0.00171 | -0.00738 |
|  | (0.0719) | (0.0415) | (0.0405) | (0.00672) | (0.00582) |
| Female | -0.0191 | 0.276*\*\*\** | 0.270*\*\*\** | 0.0404*\*\*\** | 0.0171 |
|  | (0.153) | (0.0889) | (0.0865) | (0.0143) | (0.0125) |
| Income | -0.00451 | -0.0257 | -0.0241 | -0.0131*\*\** | -0.0110*\*\** |
|  | (0.0678) | (0.0393) | (0.0381) | (0.00632) | (0.00547) |
| Minority | -0.142 | 0.136 | 0.156 | 0.0472*\*\** | 0.0362*\*\** |
|  | (0.193) | (0.113) | (0.110) | (0.0183) | (0.0159) |
| Education | 0.252*\*\*\** | 0.171*\*\*\** | 0.134*\*\*\** | 0.0188*\*\** | 0.00572 |
|  | (0.0848) | (0.0492) | (0.0480) | (0.00793) | (0.00691) |
| Distrust Sci. | -0.165*\*\*\** | -0.0738*\*\*\** | -0.0491*\** | -0.0162*\*\*\** | -0.0101*\*\** |
|  | (0.0528) | (0.0304) | (0.0297) | (0.00490) | (0.00426) |
| Econ./Envir. | -0.318*\*\*\** | -0.353*\*\*\** | -0.306*\*\*\** | -0.104*\*\*\** | -0.0762*\*\*\** |
|  | (0.0480) | (0.0271) | (0.0270) | (0.00437) | (0.00412) |
| Constant | 1.069*\** | 4.751*\*\*\** | 4.267*\*\*\** | 0.966*\*\*\** | 0.589*\*\*\** |
|  | (0.606) | (0.350) | (0.347) | (0.0564) | (0.0536) |
|  |  |  |  |  |  |
| Observations | 898 | 903 | 898 | 886 | 886 |
| R-squared |  | 0.215 | 0.267 | 0.441 | 0.581 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A2: Message Effects on Low Knowledge Democrats with Controls**

**(“high knowledge” > 6 correct; “low knowledge” < 7)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 1.129*\*\** | 0.407*\** | 0.290 | 0.00700 | -0.00851 |
|  | (0.540) | (0.235) | (0.236) | (0.0356) | (0.0343) |
| Politicization | -0.452 | -0.213 | -0.200 | 0.0158 | 0.0279 |
|  | (0.461) | (0.231) | (0.231) | (0.0351) | (0.0337) |
| Warning | -0.608 | -0.266 | -0.241 | -0.0126 | 0.00164 |
|  | (0.485) | (0.241) | (0.241) | (0.0369) | (0.0355) |
| Correction | -0.296 | -0.175 | -0.170 | 0.00452 | 0.0150 |
|  | (0.471) | (0.234) | (0.234) | (0.0359) | (0.0344) |
| Percep. of Cons. |  |  | 0.420*\*\*\** |  |  |
|  |  |  | (0.158) |  |  |
| Human-Induc. |  |  |  |  | 0.0442*\*\*\** |
|  |  |  |  |  | (0.0102) |
|  | (0.156) | (0.0735) | (0.0746) | (0.0111) | (0.0107) |
| Female | -0.220 | 0.00277 | -0.00663 | 0.0244 | 0.0255 |
|  | (0.366) | (0.176) | (0.177) | (0.0265) | (0.0254) |
| Income | -0.138 | -0.0152 | -0.00191 | -0.0229*\*\** | -0.0222*\*\** |
|  | (0.149) | (0.0721) | (0.0714) | (0.0109) | (0.0104) |
| Minority | -0.635*\** | -0.198 | -0.144 | 0.0359 | 0.0450*\*\** |
|  | (0.340) | (0.167) | (0.167) | (0.0255) | (0.0245) |
| Education | 0.0165 | 0.127 | 0.126 | 0.0326*\*\** | 0.0276 |
|  | (0.187) | (0.0914) | (0.0906) | (0.0137) | (0.0132) |
| Distrust Sci. | -0.139 | -0.0623 | -0.0489 | -0.0239*\*\*\** | -0.0210*\*\** |
|  | (0.123) | (0.0593) | (0.0588) | (0.00888) | (0.00852) |
| Econ./Envir. | -0.183 | -0.161*\*\*\** | -0.149*\*\*\** | -0.0660*\*\*\** | -0.0592*\*\*\** |
|  | (0.112) | (0.0542) | (0.0541) | (0.00818) | (0.00799) |
| Constant | 3.592*\*\** | 4.821*\*\*\** | 4.377*\*\*\** | 0.869*\*\*\** | 0.650*\*\*\** |
|  | (1.431) | (0.662) | (0.698) | (0.0997) | (0.108) |
|  |  |  |  |  |  |
| Observations | 207 | 209 | 207 | 204 | 204 |
| R-squared |  | 0.125 | 0.157 | 0.323 | 0.384 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A3: Message Effects on Low Knowledge Republicans with Controls**

**(“high knowledge” > 6 correct; “low knowledge” < 7)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 1.410*\*\** | 0.497*\** | 0.303 | 0.0230 | -0.0142 |
|  | (0.625) | (0.292) | (0.287) | (0.0543) | (0.0516) |
| Politicization | 0.811 | -0.465*\** | -0.583*\*\** | 0.0748 | 0.0983*\** |
|  | (0.580) | (0.271) | (0.265) | (0.0508) | (0.0479) |
| Warning | 0.613 | -0.227 | -0.309 | 0.00288 | 0.0137 |
|  | (0.624) | (0.285) | (0.276) | (0.0528) | (0.0496) |
| Correction | 0.658 | -0.202 | -0.286 | -0.0105 | -0.00258 |
|  | (0.627) | (0.290) | (0.280) | (0.0540) | (0.0507) |
| Percep. of Cons. |  |  | 0.652*\*\*\** |  |  |
|  |  |  | (0.183) |  |  |
| Human-Induc. |  |  |  |  | 0.0650*\*\*\** |
|  |  |  |  |  | (0.0147) |
| Age | 0.0876 | 0.000244 | -0.0112 | 0.00223 | 0.00276 |
|  | (0.177) | (0.0843) | (0.0813) | (0.0158) | (0.0148) |
| Female | 0.572 | 0.489*\*\** | 0.411 | 0.0254 | -0.00475 |
|  | (0.429) | (0.197) | (0.191) | (0.0365) | (0.0349) |
| Income | 0.328*\** | 0.0102 | -0.0331 | 0.0184 | 0.0178 |
|  | (0.185) | (0.0885) | (0.0863) | (0.0163) | (0.0153) |
| Minority | 0.332 | 0.570*\** | 0.527*\** | -0.00323 | -0.0404 |
|  | (0.589) | (0.291) | (0.281) | (0.0532) | (0.0506) |
| Education | -0.142 | 0.0700 | 0.0904 | -0.00817 | -0.0129 |
|  | (0.232) | (0.112) | (0.108) | (0.0205) | (0.0193) |
| Distrust Sci. | -0.317*\*\** | -0.0604 | -0.0186 | -0.0175 | -0.0120 |
|  | (0.149) | (0.0696) | (0.0683) | (0.0130) | (0.0123) |
| Econ./Envir. | -0.244*\** | -0.136*\*\** | -0.103 | -0.0661*\*\*\** | -0.0587*\*\*\** |
|  | (0.145) | (0.0677) | (0.0659) | (0.0126) | (0.0119) |
| Constant | -0.843 | 3.673*\*\*\** | 3.459*\*\*\** | 0.786*\*\*\** | 0.547*\*\*\** |
|  | (1.473) | (0.686) | (0.664) | (0.126) | (0.130) |
|  |  |  |  |  |  |
| Observations | 151 | 152 | 151 | 149 | 149 |
| R-squared |  | 0.161 | 0.232 | 0.253 | 0.347 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A4: Message Effects on High Knowledge Democrats with Controls**

**(“high knowledge” > 6 correct; “low knowledge” < 7)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.428 | 0.305*\*\** | 0.272 | 0.0288 | 0.0166 |
|  | (0.465) | (0.177) | (0.175) | (0.0250) | (0.0241) |
| Politicization | 1.278*\*\** | 0.420*\*\** | 0.350*\*\** | 0.0241 | 0.00728 |
|  | (0.576) | (0.184) | (0.184) | (0.0260) | (0.0252) |
| Warning | 0.476 | 0.413*\*\** | 0.378*\*\** | 0.0131 | -0.00376 |
|  | (0.449) | (0.174) | (0.172) | (0.0245) | (0.0238) |
| Correction | 0.201 | 0.171 | 0.158 | -0.00192 | -0.00794 |
|  | (0.453) | (0.181) | (0.179) | (0.0255) | (0.0245) |
| Percep. of Cons. |  |  | 0.413*\*\*\** |  |  |
|  |  |  | (0.144) |  |  |
| Human-Induc. |  |  |  |  | 0.0400*\*\*\** |
|  |  |  |  |  | (0.00821) |
| Age | 0.303*\** | 0.0405 | 0.0223 | 0.00556 | 0.00377 |
|  | (0.159) | (0.0598) | (0.0594) | (0.00848) | (0.00815) |
| Female | -0.545*\** | 0.166 | 0.199*\** | -0.00465 | -0.0110 |
|  | (0.330) | (0.120) | (0.119) | (0.0169) | (0.0162) |
| Income | 0.0128 | 0.00966 | 0.00737 | -0.000379 | -0.000709 |
|  | (0.143) | (0.0526) | (0.0519) | (0.00740) | (0.00711) |
| Minority | -0.328 | -0.153 | -0.127 | -0.0285 | -0.0228 |
|  | (0.393) | (0.152) | (0.150) | (0.0215) | (0.0207) |
| Education | 0.394*\*\** | 0.167*\*\** | 0.142*\*\** | 0.0128 | 0.00615 |
|  | (0.181) | (0.0674) | (0.0670) | (0.00952) | (0.00924) |
| Distrust Sci. | 0.0688 | 0.0164 | 0.0121 | 0.00336 | 0.00277 |
|  | (0.111) | (0.0396) | (0.0391) | (0.00559) | (0.00536) |
| Econ./Envir. | -0.268*\*\** | -0.115*\*\*\** | -0.0976*\*\** | -0.0608*\*\*\** | -0.0564*\*\*\** |
|  | (0.110) | (0.0420) | (0.0419) | (0.00593) | (0.00577) |
| Constant | -0.430 | 4.508*\*\*\** | 4.305*\*\*\** | 0.915*\*\*\** | 0.735*\*\*\** |
|  | (1.247) | (0.470) | (0.469) | (0.0661) | (0.0734) |
|  |  |  |  |  |  |
| Observations | 283 | 283 | 283 | 279 | 279 |
| R-squared |  | 0.101 | 0.128 | 0.325 | 0.380 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A5: Message Effects on High Knowledge Republicans with Controls**

**(“high knowledge” > 6 correct; “low knowledge” < 7)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.685 | -0.527*\*\** | -0.583*\*\** | -0.0429 | 0.00219 |
|  | (0.461) | (0.256) | (0.257) | (0.0472) | (0.0417) |
| Politicization | -0.207 | -0.471*\** | -0.455*\** | -0.0264 | 0.0152 |
|  | (0.437) | (0.243) | (0.243) | (0.0445) | (0.0393) |
| Warning | 0.739*\** | -0.262 | -0.316 | -0.0373 | -0.0144 |
|  | (0.445) | (0.249) | (0.250) | (0.0456) | (0.0401) |
| Correction | 0.595 | -0.309 | -0.343 | 0.0468 | 0.0714 |
|  | (0.486) | (0.273) | (0.276) | (0.0508) | (0.0446) |
| Percep. of Cons. |  |  | 0.342*\*\** |  |  |
|  |  |  | (0.165) |  |  |
| Human-Induc. |  |  |  |  | 0.0882*\*\*\** |
|  |  |  |  |  | (0.0103) |
| Age | -0.424*\*\*\** | -0.0109 | 0.0156 | -0.0336*\*\** | -0.0329*\*\** |
|  | (0.149) | (0.0787) | (0.0811) | (0.0148) | (0.0129) |
| Female | 0.427 | 0.0237 | -0.00900 | 0.0139 | 0.00977 |
|  | (0.308) | (0.171) | (0.172) | (0.0320) | (0.0281) |
| Income | -0.0917 | 0.0576 | 0.0645 | -0.00994 | -0.0154 |
|  | (0.134) | (0.0746) | (0.0746) | (0.0137) | (0.0121) |
| Minority | -0.455 | -0.181 | -0.151 | -0.00193 | 0.0153 |
|  | (0.555) | (0.312) | (0.312) | (0.0572) | (0.0502) |
| Education | 0.211 | -0.0673 | -0.0822 | -0.0138 | -0.00816 |
|  | (0.173) | (0.0965) | (0.0967) | (0.0177) | (0.0155) |
| Distrust Sci. | -0.250*\*\*\** | -0.0233 | -0.00235 | -0.0153 | -0.0133 |
|  | (0.102) | (0.0555) | (0.0566) | (0.0103) | (0.00903) |
| Econ./Envir. | -0.243*\*\*\** | -0.304*\*\*\** | -0.285*\*\*\** | -0.120*\*\*\** | -0.0936*\*\*\** |
|  | (0.0965) | (0.0526) | (0.0533) | (0.00972) | (0.00906) |
| Constant | 2.123*\** | 5.330*\*\*\** | 5.005*\*\*\** | 1.247*\*\*\** | 0.784*\*\*\** |
|  | (1.271) | (0.700) | (0.715) | (0.130) | (0.126) |
|  |  |  |  |  |  |
| Observations | 251 | 253 | 251 | 249 | 249 |
| R-squared |  | 0.140 | 0.155 | 0.426 | 0.561 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A6: Message Effects on Low Knowledge Democrats**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 0.655^ | 0.422*\** | 0.337*\** | 0.0123 | -0.0117 |
|  | (0.406) | (0.217) | (0.215) | (0.0356) | (0.0324) |
| Politicization | -0.0325 | -0.164 | -0.178 | 0.0199 | 0.0363 |
|  | (0.386) | (0.217) | (0.214) | (0.0356) | (0.0323) |
| Warning | -0.00267 | -0.0582 | -0.0753 | 0.0265 | 0.0348 |
|  | (0.385) | (0.216) | (0.213) | (0.0357) | (0.0324) |
| Correction | -0.275 | -0.250 | -0.225 | 0.00117 | 0.0239 |
|  | (0.386) | (0.217) | (0.215) | (0.0357) | (0.0325) |
| Percep. of Cons. |  |  | 0.461*\*\*\** |  |  |
|  |  |  | (0.137) |  |  |
| Human-Induc. |  |  |  |  | 0.0688*\*\*\** |
|  |  |  |  |  | (0.00882) |
| Constant | 0.310 | 4.906*\*\*\** | 4.657*\*\*\** | 0.744*\*\*\** | 0.402*\*\*\** |
|  | (0.281) | (0.157) | (0.174) | (0.0261) | (0.0499) |
|  |  |  |  |  |  |
| Observations | 284 | 286 | 284 | 280 | 280 |
| R-squared |  | 0.041 | 0.078 | 0.003 | 0.185 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests. ^ (p = .107, two-tailed test)

**Table A7: Message Effects on Low Knowledge Republicans**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 0.651^ | 0.118 | -0.0182 | -0.0251 | -0.0431 |
|  | (0.458) | (0.249) | (0.232) | (0.0521) | (0.0447) |
| Politicization | 0.322 | -0.638*\*\*\** | -0.715*\*\*\** | 0.0190 | 0.0810*\** |
|  | (0.458) | (0.247) | (0.229) | (0.0519) | (0.0450) |
| Warning | 0.0645 | -0.365 | -0.378*\** | -0.0805 | -0.0465 |
|  | (0.470) | (0.252) | (0.232) | (0.0526) | (0.0452) |
| Correction | 0.268 | -0.323 | -0.359 | -0.0367 | -0.0147 |
|  | (0.471) | (0.254) | (0.236) | (0.0539) | (0.0463) |
| Percep. of Cons. |  |  | 0.927*\*\*\** |  |  |
|  |  |  | (0.144) |  |  |
| Human-Induc. |  |  |  |  | 0.108*\*\*\** |
|  |  |  |  |  | (0.0121) |
| Constant | -0.693*\*\** | 4.278*\*\*\** | 3.969*\*\*\** | 0.584*\*\*\** | 0.129*\*\** |
|  | (0.354) | (0.188) | (0.180) | (0.0396) | (0.0615) |
|  |  |  |  |  |  |
| Observations | 221 | 224 | 221 | 219 | 219 |
| R-squared |  | 0.058 | 0.210 | 0.022 | 0.286 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests. ^ (p = .156, two-tailed test)

**Table A8: Message Effects on High Knowledge Democrats**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 1.464*\*\** | 0.450*\*\** | 0.326*\** | 0.0457 | 0.0229 |
|  | (0.685) | (0.202) | (0.198) | (0.0343) | (0.0331) |
| Politicization | 1.677*\*\** | 0.747*\*\*\** | 0.614*\*\*\** | 0.0461 | 0.00753 |
|  | (0.800) | (0.213) | (0.210) | (0.0364) | (0.0358) |
| Warning | 0.483 | 0.585*\*\*\** | 0.530*\*\*\** | 0.00472 | -0.0255 |
|  | (0.531) | (0.203) | (0.197) | (0.0343) | (0.0334) |
| Correction | 0.454 | 0.434*\*\** | 0.382*\** | -0.0170 | -0.0377 |
|  | (0.532) | (0.204) | (0.198) | (0.0348) | (0.0335) |
| Percep. of Cons. |  |  | 0.707*\*\*\** |  |  |
|  |  |  | (0.185) |  |  |
| Human-Induc. |  |  |  |  | 0.0517*\*\*\** |
|  |  |  |  |  | (0.0113) |
| Constant | 1.126*\*\*\** | 5.224*\*\*\** | 4.691*\*\*\** | 0.838*\*\*\** | 0.568*\*\*\** |
|  | (0.332) | (0.138) | (0.193) | (0.0233) | (0.0632) |
|  |  |  |  |  |  |
| Observations | 210 | 210 | 210 | 207 | 207 |
| R-squared |  | 0.066 | 0.129 | 0.023 | 0.115 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A9: Message Effects on High Knowledge Republicans**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 1.561*\*\*\** | -0.458 | -0.619*\*\** | 0.0441 | 0.0979*\** |
|  | (0.514) | (0.299) | (0.303) | (0.0695) | (0.0597) |
| Politicization | 0.118 | -0.0770 | -0.0892 | 0.0796 | 0.0888*\** |
|  | (0.438) | (0.269) | (0.266) | (0.0616) | (0.0526) |
| Warning | 1.002*\*\** | -0.128 | -0.236 | 0.0108 | 0.0262 |
|  | (0.457) | (0.280) | (0.281) | (0.0642) | (0.0548) |
| Correction | 0.613 | -0.605*\** | -0.671*\*\** | 0.0229 | 0.0953 |
|  | (0.511) | (0.318) | (0.316) | (0.0729) | (0.0629) |
| Percep. of Cons. |  |  | 0.439*\*\** |  |  |
|  |  |  | (0.186) |  |  |
| Human-Induc. |  |  |  |  | 0.120*\*\*\** |
|  |  |  |  |  | (0.0142) |
| Constant | -0.539 | 3.605*\*\*\** | 3.444*\*\*\** | 0.430*\*\*\** | -0.00185 |
|  | (0.336) | (0.205) | (0.214) | (0.0470) | (0.0651) |
|  |  |  |  |  |  |
| Observations | 196 | 196 | 196 | 194 | 194 |
| R-squared |  | 0.029 | 0.057 | 0.011 | 0.283 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A10: Message Effects on Low Knowledge Democrats with Controls**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 0.541 | 0.263 | 0.195 | 0.00166 | -0.00849 |
|  | (0.425) | (0.208) | (0.209) | (0.0298) | (0.0282) |
| Politicization | -0.197 | -0.302 | -0.318 | 0.00104 | 0.0177 |
|  | (0.403) | (0.208) | (0.208) | (0.0297) | (0.0282) |
| Warning | -0.206 | -0.152 | -0.168 | 0.00130 | 0.0107 |
|  | (0.404) | (0.207) | (0.207) | (0.0300) | (0.0283) |
| Correction | -0.259 | -0.226 | -0.230 | 0.0125 | 0.0255 |
|  | (0.405) | (0.208) | (0.208) | (0.0300) | (0.0284) |
| Percep. of Cons. |  |  | 0.337*\*\** |  |  |
|  |  |  | (0.135) |  |  |
| Human-Induc. |  |  |  |  | 0.0473*\*\*\** |
|  |  |  |  |  | (0.00814) |
| Age | -0.114 | 0.113*\*\*\** | 0.120*\** | 0.00994 | 0.00453 |
|  | (0.125) | (0.0624) | (0.0627) | (0.00890) | (0.00845) |
| Female | -0.434 | 0.0512 | 0.0586 | 0.0161 | 0.0143 |
|  | (0.309) | (0.152) | (0.154) | (0.0218) | (0.0206) |
| Income | -0.0601 | 0.0353 | 0.0418*\*\** | -0.0166*\** | -0.0182*\*\** |
|  | (0.124) | (0.0630) | (0.0625) | (0.00901) | (0.00850) |
| Minority | -0.648*\*\** | -0.272*\** | -0.230 | 0.0123 | 0.0257 |
|  | (0.292) | (0.151) | (0.151) | (0.0218) | (0.0207) |
| Education | 0.0994 | 0.176*\*\** | 0.169*\*\** | 0.0232*\*\** | 0.0154 |
|  | (0.153) | (0.0776) | (0.0771) | (0.0111) | (0.0105) |
| Distrust Sci. | -0.131 | -0.0643 | -0.0529 | -0.0126*\** | -0.00966 |
|  | (0.0975) | (0.0495) | (0.0492) | (0.00705) | (0.00667) |
| Econ./Envir. | -0.160*\** | -0.205*\*\*\** | -0.196*\*\*\** | -0.0705*\*\*\** | -0.0610*\*\*\** |
|  | (0.0916) | (0.0466) | (0.0465) | (0.00665) | (0.00648) |
| Constant | 2.480*\*\** | 4.660*\*\*\** | 4.377*\*\*\** | 0.900*\*\*\** | 0.675*\*\*\** |
|  | (1.183) | (0.575) | (0.597) | (0.0818) | (0.0864) |
|  |  |  |  |  |  |
| Observations | 281 | 283 | 281 | 277 | 277 |
| R-squared |  | 0.168 | 0.188 | 0.344 | 0.418 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A11: Message Effects on Low Knowledge Republicans with Controls**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 0.591 | 0.127 | 0.0299 | -0.0194 | -0.0346 |
|  | (0.493) | (0.249) | (0.237) | (0.0478) | (0.0427) |
| Politicization | 0.399 | -0.688*\*\*\** | -0.762*\*\*\** | 0.000760 | 0.0543 |
|  | (0.480) | (0.243) | (0.231) | (0.0470) | (0.0426) |
| Warning | 0.277 | -0.244 | -0.293 | -0.0143 | 0.00271 |
|  | (0.506) | (0.254) | (0.240) | (0.0487) | (0.0436) |
| Correction | 0.484 | -0.194 | -0.263 | -0.0139 | -0.00685 |
|  | (0.508) | (0.256) | (0.244) | (0.0501) | (0.0447) |
| Percep. of Cons. |  |  | 0.780*\*\*\** |  |  |
|  |  |  | (0.149) |  |  |
| Human-Induc. |  |  |  |  | 0.0863*\*\*\** |
|  |  |  |  |  | (0.0121) |
| Age | -0.0535 | 0.00103 | 0.00723 | -0.0125 | -0.0120 |
|  | (0.142) | (0.0716) | (0.0688) | (0.0140) | (0.0125) |
| Female | 0.215 | 0.337*\*\** | 0.287*\** | 0.0186 | -0.00963 |
|  | (0.324) | (0.163) | (0.155) | (0.0315) | (0.0284) |
| Income | 0.193 | 0.0154 | -0.0152 | 0.0105 | 0.00865 |
|  | (0.150) | (0.0762) | (0.0724) | (0.0145) | (0.0130) |
| Minority | 0.303 | 0.491*\** | 0.433*\** | 0.0438 | 0.00189 |
|  | (0.515) | (0.267) | (0.253) | (0.0509) | (0.0458) |
| Education | 0.0702 | 0.0190 | 0.0150 | -0.0155 | -0.0180 |
|  | (0.189) | (0.0961) | (0.0917) | (0.0184) | (0.0164) |
| Distrust Sci. | -0.190*\** | -0.0554 | -0.0225 | -0.0137 | -0.00764 |
|  | (0.111) | (0.0560) | (0.0539) | (0.0109) | (0.00976) |
| Econ./Envir. | -0.214*\*\** | -0.195*\*\*\** | -0.157*\*\*\** | -0.0841*\*\*\** | -0.0684*\*\*\** |
|  | (0.109) | (0.0548) | (0.0524) | (0.0105) | (0.00965) |
| Constant | -0.304 | 4.437*\*\*\** | 4.094*\*\*\** | 0.963*\*\*\** | 0.584*\*\*\** |
|  | (1.224) | (0.624) | (0.593) | (0.119) | (0.119) |
|  |  |  |  |  |  |
| Observations | 210 | 213 | 210 | 208 | 208 |
| R-squared |  | 0.149 | 0.251 | 0.287 | 0.435 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A12: Message Effects on High Knowledge Democrats with Controls**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 1.560*\*\** | 0.409*\*\** | 0.301 | 0.0460 | 0.0300 |
|  | (0.711) | (0.202) | (0.201) | (0.0297) | (0.0289) |
| Politicization | 1.806*\*\** | 0.715*\*\*\** | 0.608*\*\*\** | 0.0457 | 0.0171 |
|  | (0.834) | (0.212) | (0.210) | (0.0311) | (0.0308) |
| Warning | 0.486 | 0.609*\*\*\** | 0.563*\*\*\** | 0.0215 | -0.00267 |
|  | (0.562) | (0.203) | (0.199) | (0.0295) | (0.0291) |
| Correction | 0.583 | 0.376*\** | 0.328 | -0.00660 | -0.0204 |
|  | (0.574) | (0.207) | (0.203) | (0.0303) | (0.0294) |
| Percep. of Cons. |  |  | 0.604*\*\*\** |  |  |
|  |  |  | (0.191) |  |  |
| Human-Induc. |  |  |  |  | 0.0397*\*\*\** |
|  |  |  |  |  | (0.0100) |
| Age | 0.0660 | 0.0560 | 0.0518 | 0.00776 | 0.00512 |
|  | (0.226) | (0.0724) | (0.0708) | (0.0107) | (0.0103) |
| Female | -0.0965 | 0.104 | 0.110 | -0.00294 | -0.00681 |
|  | (0.430) | (0.138) | (0.135) | (0.0202) | (0.0195) |
| Income | -0.144 | -0.0172 | -0.0111 | 0.000502 | 0.00126 |
|  | (0.187) | (0.0598) | (0.0586) | (0.00874) | (0.00843) |
| Minority | 0.211 | -0.125 | -0.132 | -0.0272 | -0.0223 |
|  | (0.547) | (0.177) | (0.173) | (0.0258) | (0.0249) |
| Education | 0.474*\** | 0.166*\*\** | 0.135*\** | 0.0236*\*\** | 0.0171 |
|  | (0.247) | (0.0801) | (0.0790) | (0.0117) | (0.0114) |
| Distrust Sci. | 0.305*\** | 0.00906 | -0.00888 | -0.00171 | -0.00207 |
|  | (0.165) | (0.0468) | (0.0461) | (0.00682) | (0.00657) |
| Econ./Envir. | -0.378*\*\*\** | -0.0897*\*\** | -0.0633 | -0.0566*\*\*\** | -0.0533*\*\*\** |
|  | (0.147) | (0.0489) | (0.0486) | (0.00717) | (0.00697) |
| Constant | -0.482 | 4.435*\*\*\** | 4.092*\*\*\** | 0.856*\*\*\** | 0.681*\*\*\** |
|  | (1.642) | (0.540) | (0.539) | (0.0788) | (0.0880) |
|  |  |  |  |  |  |
| Observations | 209 | 209 | 209 | 206 | 206 |
| R-squared |  | 0.118 | 0.161 | 0.307 | 0.359 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A13: Message Effects on High Knowledge Republicans with Controls**

**(“high knowledge” > 7 correct; “low knowledge” < 8)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Belief in Human-Induced Climate Change | Belief in Human-Induced Climate Change (with consensus) | Policy Beliefs | Policy Beliefs (with belief in Human Change) |
|  |  |  |  |  |  |
| Consensus | 1.824*\*\*\** | -0.632*\*\** | -0.732*\*\** | -0.0185 | 0.0329 |
|  | (0.602) | (0.306) | (0.313) | (0.0564) | (0.0507) |
| Politicization | -0.0966 | -0.259 | -0.253 | -0.00540 | 0.0160 |
|  | (0.507) | (0.274) | (0.273) | (0.0499) | (0.0445) |
| Warning | 1.065*\*\** | -0.223 | -0.284 | -0.0413 | -0.0231 |
|  | (0.522) | (0.283) | (0.286) | (0.0516) | (0.0460) |
| Correction | 1.004*\** | -0.490 | -0.545*\** | 0.0764 | 0.117*\*\** |
|  | (0.598) | (0.328) | (0.330) | (0.0598) | (0.0535) |
| Percep. of Cons. |  |  | 0.283 |  |  |
|  |  |  | (0.203) |  |  |
| Human-Induc. |  |  |  |  | 0.0839*\*\*\** |
|  |  |  |  |  | (0.0121) |
| Age | -0.545*\*\*\** | 0.0439 | 0.0731 | -0.0269 | -0.0308*\*\** |
|  | (0.193) | (0.0957) | (0.0977) | (0.0176) | (0.0157) |
| Female | 0.752*\*\** | 0.0994 | 0.0576 | 0.0379 | 0.0284 |
|  | (0.386) | (0.204) | (0.205) | (0.0377) | (0.0336) |
| Income | 0.0288 | 0.0415 | 0.0391 | -0.00436 | -0.00812 |
|  | (0.157) | (0.0843) | (0.0841) | (0.0154) | (0.0137) |
| Minority | -1.131*\** | -0.149 | -0.0908 | -0.0772 | -0.0643 |
|  | (0.660) | (0.356) | (0.357) | (0.0648) | (0.0577) |
| Education | 0.0428 | 0.00722 | 0.00561 | -0.00980 | -0.0107 |
|  | (0.199) | (0.110) | (0.109) | (0.0200) | (0.0178) |
| Distrust Sci. | -0.333*\*\*\** | -0.0316 | -0.0129 | -0.0149 | -0.0124 |
|  | (0.128) | (0.0676) | (0.0687) | (0.0124) | (0.0110) |
| Econ./Envir. | -0.306*\*\*\** | -0.251*\*\*\** | -0.234*\*\*\** | -0.122*\*\*\** | -0.102*\*\*\** |
|  | (0.122) | (0.0629) | (0.0638) | (0.0116) | (0.0107) |
| Constant | 2.905*\** | 4.433*\*\*\** | 4.137*\*\*\** | 1.159*\*\*\** | 0.794*\*\*\** |
|  | (1.529) | (0.803) | (0.829) | (0.148) | (0.142) |
|  |  |  |  |  |  |
| Observations | 192 | 192 | 192 | 190 | 190 |
| R-squared |  | 0.111 | 0.120 | 0.426 | 0.549 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A14. Message Effects on Low (Political) Knowledge Democrats (using only the political knowledge variables for the knowledge split)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 1.489*\*\** | 0.342 | 0.178 | 0.00246 | -0.0144 |
|  | (0.579) | (0.273) | (0.275) | (0.0442) | (0.0402) |
| Politicization | 0.103 | -0.315 | -0.348 | -0.0134 | 0.0141 |
|  | (0.470) | (0.273) | (0.270) | (0.0442) | (0.0403) |
| Warning | -0.0572 | -0.171 | -0.184 | -0.00169 | 0.0155 |
|  | (0.449) | (0.262) | (0.260) | (0.0430) | (0.0391) |
| Correction | -0.398 | -0.271 | -0.228 | -0.0142 | 0.0110 |
|  | (0.445) | (0.259) | (0.259) | (0.0422) | (0.0385) |
| Percep. of Cons. |  |  | 0.510*\*\*\** |  |  |
|  |  |  | (0.178) |  |  |
| Human-Induc. |  |  |  |  | 0.0675*\*\*\** |
|  |  |  |  |  | (0.0106) |
| Constant | 0.302 | 4.829*\*\*\** | 4.557*\*\*\** | 0.732*\*\*\** | 0.400*\*\*\** |
|  | (0.320) | (0.185) | (0.211) | (0.0306) | (0.0590) |
|  |  |  |  |  |  |
| Observations | 193 | 195 | 193 | 189 | 189 |
| R-squared |  | 0.037 | 0.077 | 0.001 | 0.183 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A15: Message Effects on Low (Political) Knowledge Republicans (using only the political knowledge variables for a median split)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) |  | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs |  | Policy Beliefs  |
|  |  |  |  |  |  |  |
| Consensus | 1.434*\*\** | 0.668*\*\** | 0.410 | -0.0520 |  | -0.115*\*\** |
|  | (0.588) | (0.306) | (0.297) | (0.0574) |  | (0.0505) |
| Politicization | 0.613 | -0.596*\*\** | -0.710*\*\*\** | 0.0298 |  | 0.0863*\*\** |
|  | (0.543) | (0.279) | (0.267) | (0.0524) |  | (0.0460) |
| Warning | 0.693 | 0.0280 | -0.0903 | -0.0249 |  | -0.0276 |
|  | (0.565) | (0.295) | (0.281) | (0.0553) |  | (0.0478) |
| Correction | 0.423 | -0.394 | -0.463 | -0.0597 |  | -0.0223 |
|  | (0.608) | (0.315) | (0.299) | (0.0591) |  | (0.0514) |
| Percep. of Cons. |  |  | 0.763*\*\*\** |  |  |  |
|  |  |  | (0.179) |  |  |  |
| Human-Induc. |  |  |  |  |  | 0.0950*\*\*\** |
|  |  |  |  |  |  | (0.0133) |
| Constant | -0.999*\*\** | 4.154*\*\*\** | 3.948*\*\*\** | 0.618*\*\*\** |  | 0.223*\*\*\** |
|  | (0.442) | (0.220) | (0.215) | (0.0414) |  | (0.0656) |
|  |  |  |  |  |  |  |
| Observations | 154 | 155 | 154 | 155 |  | 155 |
| R-squared |  | 0.137 | 0.232 | 0.027 |  | 0.276 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A16: Message Effects on High (Political) Knowledge Democrats (using only the political knowledge variables for a median split)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.361 | 0.423*\*\** | 0.377*\*\** | 0.0235 | 0.00239 |
|  | (0.415) | (0.177) | (0.170) | (0.0291) | (0.0280) |
| Politicization | 0.291 | 0.408*\*\** | 0.370*\*\** | 0.0366 | 0.0164 |
|  | (0.425) | (0.183) | (0.175) | (0.0301) | (0.0289) |
| Warning | 0.239 | 0.437*\*\** | 0.405*\*\** | 0.0203 | -0.00179 |
|  | (0.418) | (0.181) | (0.174) | (0.0297) | (0.0285) |
| Correction | 0.245 | 0.251 | 0.219 | -0.00575 | -0.0170 |
|  | (0.426) | (0.185) | (0.177) | (0.0303) | (0.0290) |
| Percep. of Cons. |  |  | 0.698*\*\*\** |  |  |
|  |  |  | (0.130) |  |  |
| Human-Induc. |  |  |  |  | 0.0505*\*\*\** |
|  |  |  |  |  | (0.00910) |
| Constant | 0.951*\*\*\** | 5.213*\*\*\** | 4.710*\*\*\** | 0.827*\*\*\** | 0.564*\*\*\** |
|  | (0.286) | (0.128) | (0.154) | (0.0209) | (0.0514) |
|  |  |  |  |  |  |
| Observations | 301 | 301 | 301 | 298 | 298 |
| R-squared |  | 0.028 | 0.115 | 0.009 | 0.103 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A17: Message Effects on High (Political) Knowledge Republicans (using only the political knowledge variables for a median split)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.766*\** | -0.424*\** | -0.529*\*\** | 0.0623 | 0.107*\** |
|  | (0.406) | (0.247) | (0.246) | (0.0565) | (0.0476) |
| Politicization | 0.0174 | -0.212 | -0.215 | 0.0459 | 0.0650 |
|  | (0.396) | (0.241) | (0.237) | (0.0548) | (0.0461) |
| Warning | 0.458 | -0.391 | -0.448*\** | -0.0374 | 0.00486 |
|  | (0.397) | (0.244) | (0.241) | (0.0553) | (0.0466) |
| Correction | 0.378 | -0.312 | -0.348 | 0.0410 | 0.0693 |
|  | (0.420) | (0.257) | (0.254) | (0.0592) | (0.0498) |
| Percep. of Cons. |  |  | 0.498*\*\*\** |  |  |
|  |  |  | (0.153) |  |  |
| Human-Induc. |  |  |  |  | 0.122*\*\*\** |
|  |  |  |  |  | (0.0119) |
| Constant | -0.423 | 3.812*\*\*\** | 3.615*\*\*\** | 0.441*\*\*\** | -0.0204 |
|  | (0.295) | (0.179) | (0.187) | (0.0409) | (0.0564) |
|  |  |  |  |  |  |
| Observations | 263 | 265 | 263 | 258 | 258 |
| R-squared |  | 0.014 | 0.054 | 0.018 | 0.309 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A18: Message Effects on Confidence in Science**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | All Partisans | Low Knowledge Democrats | Low Knowledge Republicans | High Knowledge Democrats | High Knowledge Republicans |
|  |  |  |  |  |  |
| Consensus | 0.0602 | 0.239*\** | 0.344*\*\** | 0.161*\** | -0.325*\*\** |
|  | (0.0674) | (0.129) | (0.154) | (0.0896) | (0.133) |
| Politicization | -0.102 | -0.127 | -0.110 | 0.179*\** | -0.186 |
|  | (0.0663) | (0.126) | (0.144) | (0.0949) | (0.127) |
| Warning | 0.0198 | 0.0220 | -0.0167 | 0.150*\** | -0.0678 |
|  | (0.0668) | (0.129) | (0.147) | (0.0893) | (0.131) |
| Correction | 0.0566 | 0.0864 | 0.0879 | 0.0965 | -0.0274 |
|  | (0.0687) | (0.126) | (0.149) | (0.0920) | (0.144) |
| Constant | 2.326*\*\*\** | 2.286*\*\*\** | 2.138*\*\*\** | 2.576*\*\*\** | 2.156*\*\*\** |
|  | (0.0482) | (0.0898) | (0.107) | (0.0639) | (0.0980) |
|  |  |  |  |  |  |
| Observations | 917 | 208 | 156 | 286 | 260 |
| R-squared | 0.009 | 0.042 | 0.066 | 0.017 | 0.032 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A19: Message Effects on Confidence in Science with Controls**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | All Partisans | Low Knowledge Democrats | Low Knowledge Republicans | High Knowledge Democrats | High Knowledge Republicans |
|  |  |  |  |  |  |
| Consensus | 0.0182 | 0.181 | 0.355*\*\** | 0.153*\** | -0.354*\*\*\** |
|  | (0.0632) | (0.122) | (0.159) | (0.0878) | (0.133) |
| Politicization | -0.120*\** | -0.160 | -0.141 | 0.178*\** | -0.237*\** |
|  | (0.0614) | (0.119) | (0.145) | (0.0915) | (0.127) |
| Warning | 0.0379 | -0.0525 | 0.0979 | 0.184*\*\** | -0.118 |
|  | (0.0617) | (0.125) | (0.151) | (0.0862) | (0.130) |
| Correction | 0.0567 | 0.0987 | 0.203 | 0.0991 | -0.0483 |
|  | (0.0639) | (0.122) | (0.154) | (0.0898) | (0.144) |
| Age | -0.00600 | 0.0198 | -0.00873 | -0.00400 | -0.0827*\** |
|  | (0.0197) | (0.0386) | (0.0458) | (0.0297) | (0.0415) |
| Female | 0.0307 | 0.0285 | 0.0396 | -0.0337 | -0.0325 |
|  | (0.0419) | (0.0912) | (0.106) | (0.0593) | (0.0894) |
| Income | -0.0190 | -0.0691*\** | -0.0467 | 0.0242 | 0.0278 |
|  | (0.0184) | (0.0370) | (0.0474) | (0.0261) | (0.0389) |
| Minority | -0.0446 | -0.202*\*\** | -0.0699 | -0.0811 | 0.0246 |
|  | (0.0531) | (0.0862) | (0.155) | (0.0755) | (0.163) |
| Education | 0.0398*\** | 0.0558 | 0.100*\** | 0.00572 | -0.0520 |
|  | (0.0231) | (0.0472) | (0.0598) | (0.0334) | (0.0504) |
| Distrust Sci. | -0.0963*\*\*\** | -0.102*\*\*\** | -0.106*\*\*\** | -0.0578*\*\*\** | -0.0856*\*\*\** |
|  | (0.0143) | (0.0307) | (0.0376) | (0.0196) | (0.0291) |
| Econ./Envir. | -0.123*\*\*\** | -0.0815*\*\*\** | -0.0943*\*\** | -0.0737*\*\*\** | -0.0787*\*\*\** |
|  | (0.0127) | (0.0280) | (0.0362) | (0.0208) | (0.0274) |
| Constant | 2.968*\*\*\** | 2.869*\*\*\** | 2.602*\*\*\** | 2.924*\*\*\** | 3.316*\*\*\** |
|  | (0.166) | (0.350) | (0.372) | (0.233) | (0.365) |
|  |  |  |  |  |  |
| Observations | 896 | 207 | 149 | 283 | 252 |
| R-squared | 0.175 | 0.189 | 0.166 | 0.114 | 0.125 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A20: Message Effects on Policy Beliefs (All Partisans)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.0245 | -0.0243 |
|  | (0.0258) | (0.0213) |
| Politicization | 0.00219 | 0.0285 |
|  | (0.0252) | (0.0208) |
| Warning | -0.0343 | -0.0205 |
|  | (0.0254) | (0.0209) |
| Correction | -0.00470 | 0.0119 |
|  | (0.0262) | (0.0216) |
| Percep. of Cons. | 0.226*\*\*\** | 0.123*\*\*\** |
|  | (0.0164) | (0.0144) |
| Human-Induc. |  | 0.104*\*\*\** |
|  |  | (0.00505) |
| Constant | 0.547*\*\*\** | 0.125*\*\*\** |
|  | (0.0203) | (0.0265) |
|  |  |  |
| Observations | 903 | 903 |
| R-squared | 0.176 | 0.440 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A21: Message Effects on Policy Beliefs (Low Knowledge Democrats)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.0185 | -0.0325 |
|  | (0.0408) | (0.0390) |
| Politicization | 0.0281 | 0.0386 |
|  | (0.0395) | (0.0377) |
| Warning | 0.0255 | 0.0395 |
|  | (0.0409) | (0.0390) |
| Correction | 0.0204 | 0.0341 |
|  | (0.0399) | (0.0381) |
| Percep. of Cons. | 0.126*\*\*\** | 0.0999*\*\*\** |
|  | (0.0264) | (0.0257) |
| Human-Induc. |  | 0.0529*\*\*\** |
|  |  | (0.0114) |
| Constant | 0.645*\*\*\** | 0.409*\*\*\** |
|  | (0.0327) | (0.0594) |
|  |  |  |
| Observations | 203 | 203 |
| R-squared | 0.105 | 0.194 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A22: Message Effects on Policy Beliefs (Low Knowledge Republicans)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.0156 | -0.0349 |
|  | (0.0531) | (0.0509) |
| Politicization | 0.0820 | 0.109*\*\** |
|  | (0.0502) | (0.0484) |
| Warning | -0.0614 | -0.0418 |
|  | (0.0505) | (0.0485) |
| Correction | -0.0270 | -0.0105 |
|  | (0.0517) | (0.0495) |
| Percep. of Cons. | 0.147*\*\*\** | 0.0959*\*\*\** |
|  | (0.0334) | (0.0344) |
| Human-Induc. |  | 0.0595*\*\*\** |
|  |  | (0.0150) |
| Constant | 0.517*\*\*\** | 0.287*\*\*\** |
|  | (0.0381) | (0.0684) |
|  |  |  |
| Observations | 155 | 155 |
| R-squared | 0.178 | 0.257 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A23: Message Effects on Policy Beliefs (High Knowledge Democrats)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | 0.0130 | -0.000691 |
|  | (0.0282) | (0.0272) |
| Politicization | 0.0141 | -0.00349 |
|  | (0.0301) | (0.0291) |
| Warning | -0.00694 | -0.0241 |
|  | (0.0280) | (0.0272) |
| Correction | -0.0263 | -0.0339 |
|  | (0.0289) | (0.0278) |
| Percep. of Cons. | 0.114*\*\*\** | 0.0914*\*\*\** |
|  | (0.0224) | (0.0220) |
| Human-Induc. |  | 0.0456*\*\*\** |
|  |  | (0.00928) |
| Constant | 0.759*\*\*\** | 0.531*\*\*\** |
|  | (0.0255) | (0.0525) |
|  |  |  |
| Observations | 282 | 282 |
| R-squared | 0.099 | 0.172 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A24: Message Effects on Policy Beliefs (High Knowledge Republicans)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.0257 | 0.0256 |
|  | (0.0551) | (0.0462) |
| Politicization | 0.0278 | 0.0619 |
|  | (0.0515) | (0.0430) |
| Warning | -0.0515 | -0.0246 |
|  | (0.0533) | (0.0445) |
| Correction | -0.00973 | 0.0405 |
|  | (0.0587) | (0.0492) |
| Percep. of Cons. | 0.228*\*\*\** | 0.168*\*\*\** |
|  | (0.0339) | (0.0288) |
| Human-Induc. |  | 0.116*\*\*\** |
|  |  | (0.0110) |
| Constant | 0.377*\*\*\** | -0.0401 |
|  | (0.0422) | (0.0529) |
|  |  |  |
| Observations | 256 | 256 |
| R-squared | 0.155 | 0.416 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A25: Message Effects on Policy Beliefs with Controls (All Partisans)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.0154 | -0.0144 |
|  | (0.0206) | (0.0183) |
| Politicization | -0.00578 | 0.0141 |
|  | (0.0199) | (0.0178) |
| Warning | -0.0147 | -0.0109 |
|  | (0.0200) | (0.0178) |
| Correction | 0.0159 | 0.0237 |
|  | (0.0208) | (0.0185) |
| Percep. of Cons. | 0.142*\*\*\** | 0.0937*\*\*\** |
|  | (0.0136) | (0.0125) |
| Human-Induc. |  | 0.0707*\*\*\** |
|  |  | (0.00468) |
| Age | -0.000472 | -0.00603 |
|  | (0.00636) | (0.00567) |
| Female | 0.0378*\*\*\** | 0.0177 |
|  | (0.0136) | (0.0121) |
| Income | -0.0132*\*\** | -0.0112*\*\** |
|  | (0.00595) | (0.00530) |
| Minority | 0.0545*\*\*\** | 0.0428*\*\*\** |
|  | (0.0173) | (0.0154) |
| Education | 0.0114 | 0.00238 |
|  | (0.00751) | (0.00671) |
| Distrust Sci. | -0.0116*\*\** | -0.00790*\** |
|  | (0.00465) | (0.00414) |
| Econ./Envir. | -0.0939*\*\*\** | -0.0727*\*\*\** |
|  | (0.00423) | (0.00402) |
| Constant | 0.868*\*\*\** | 0.569*\*\*\** |
|  | (0.0543) | (0.0522) |
|  |  |  |
| Observations | 882 | 882 |
| R-squared | 0.506 | 0.609 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A26: Message Effects on Policy Beliefs with Controls (Low Knowledge Democrats)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.0195 | -0.0277 |
|  | (0.0345) | (0.0336) |
| Politicization | 0.0223 | 0.0320 |
|  | (0.0337) | (0.0328) |
| Warning | -0.00705 | 0.00425 |
|  | (0.0355) | (0.0345) |
| Correction | 0.00998 | 0.0189 |
|  | (0.0345) | (0.0335) |
| Percep. of Cons. | 0.104*\*\*\** | 0.0892*\*\*\** |
|  | (0.0231) | (0.0228) |
| Human-Induc. |  | 0.0364*\*\*\** |
|  |  | (0.0101) |
| Age | 0.0155 | 0.0120 |
|  | (0.0108) | (0.0105) |
| Female | 0.0218 | 0.0230 |
|  | (0.0257) | (0.0249) |
| Income | -0.0209*\*\** | -0.0207*\*\** |
|  | (0.0104) | (0.0101) |
| Minority | 0.0541*\*\** | 0.0593*\*\** |
|  | (0.0246) | (0.0239) |
| Education | 0.0315*\*\** | 0.0273*\*\** |
|  | (0.0131) | (0.0128) |
| Distrust Sci. | -0.0212*\*\** | -0.0193*\*\** |
|  | (0.00847) | (0.00823) |
| Econ./Envir. | -0.0625*\*\*\** | -0.0573*\*\*\** |
|  | (0.00786) | (0.00775) |
| Constant | 0.772*\*\*\** | 0.608*\*\*\** |
|  | (0.101) | (0.108) |
|  |  |  |
| Observations | 202 | 202 |
| R-squared | 0.393 | 0.433 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A27: Message Effects on Policy Beliefs with Controls (Low Knowledge Republicans)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | -0.00825 | -0.0281 |
|  | (0.0531) | (0.0512) |
| Politicization | 0.0497 | 0.0755 |
|  | (0.0493) | (0.0477) |
| Warning | -0.0101 | 0.00413 |
|  | (0.0509) | (0.0489) |
| Correction | -0.0207 | -0.0101 |
|  | (0.0520) | (0.0499) |
| Percep. of Cons. | 0.106*\*\*\** | 0.0668*\** |
|  | (0.0339) | (0.0342) |
| Human-Induc. |  | 0.0549*\*\*\** |
|  |  | (0.0152) |
| Age | 0.00172 | 0.00246 |
|  | (0.0151) | (0.0145) |
| Female | 0.00946 | -0.0111 |
|  | (0.0353) | (0.0343) |
| Income | 0.0122 | 0.0145 |
|  | (0.0158) | (0.0152) |
| Minority | -0.00801 | -0.0369 |
|  | (0.0512) | (0.0497) |
| Education | -0.00400 | -0.00918 |
|  | (0.0197) | (0.0189) |
| Distrust Sci. | -0.0122 | -0.0101 |
|  | (0.0127) | (0.0122) |
| Econ./Envir. | -0.0601*\*\*\** | -0.0561*\*\*\** |
|  | (0.0122) | (0.0118) |
| Constant | 0.749*\*\*\** | 0.561*\*\*\** |
|  | (0.122) | (0.127) |
|  |  |  |
| Observations | 148 | 148 |
| R-squared | 0.302 | 0.364 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A28: Message Effects on Policy Beliefs with Controls (High Knowledge Democrats)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs (with Percep. of Cons.) | Policy Beliefs (with belief Human-Induc.) |
|  |  |  |
| Consensus | 0.0227 | 0.0131 |
|  | (0.0243) | (0.0236) |
| Politicization | 0.0105 | -0.00187 |
|  | (0.0255) | (0.0249) |
| Warning | 0.00668 | -0.00698 |
|  | (0.0239) | (0.0233) |
| Correction | -0.00422 | -0.00911 |
|  | (0.0248) | (0.0241) |
| Percep. of Cons. | 0.0813*\*\*\** | 0.0668*\*\*\** |
|  | (0.0199) | (0.0195) |
| Human-Induc. |  | 0.0352*\*\*\** |
|  |  | (0.00817) |
| Age | 0.00170 | 0.000817 |
|  | (0.00830) | (0.00804) |
| Female | 0.00186 | -0.00485 |
|  | (0.0165) | (0.0160) |
| Income | -0.000848 | -0.00105 |
|  | (0.00720) | (0.00697) |
| Minority | -0.0229 | -0.0189 |
|  | (0.0210) | (0.0203) |
| Education | 0.00814 | 0.00313 |
|  | (0.00932) | (0.00910) |
| Distrust Sci. | 0.00238 | 0.00204 |
|  | (0.00543) | (0.00526) |
| Econ./Envir. | -0.0574*\*\*\** | -0.0541*\*\*\** |
|  | (0.00583) | (0.00569) |
| Constant | 0.875*\*\*\** | 0.724*\*\*\** |
|  | (0.0650) | (0.0721) |
|  |  |  |
| Observations | 279 | 279 |
| R-squared | 0.365 | 0.406 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A29: Message Effects on Policy Beliefs with Controls (High Knowledge Republicans)**

|  |  |  |
| --- | --- | --- |
|  | (1) | (2) |
|  | Policy Beliefs with Percep. of Cons. | Policy Beliefs (with belief in Human Change) |
|  |  |  |
| Consensus | -0.0651 | -0.0186 |
|  | (0.0453) | (0.0404) |
| Politicization | -0.0201 | 0.0174 |
|  | (0.0423) | (0.0377) |
| Warning | -0.0623 | -0.0365 |
|  | (0.0436) | (0.0386) |
| Correction | 0.0237 | 0.0506 |
|  | (0.0485) | (0.0430) |
| Percep. of Cons. | 0.152*\*\*\** | 0.125*\*\*\** |
|  | (0.0291) | (0.0259) |
| Human-Induc. |  | 0.0821*\*\*\** |
|  |  | (0.00999) |
| Age | -0.0200 | -0.0216*\** |
|  | (0.0143) | (0.0126) |
| Female | -0.00257 | -0.00360 |
|  | (0.0306) | (0.0270) |
| Income | -0.00761 | -0.0131 |
|  | (0.0131) | (0.0116) |
| Minority | 0.0136 | 0.0268 |
|  | (0.0545) | (0.0481) |
| Education | -0.0208 | -0.0142 |
|  | (0.0169) | (0.0149) |
| Distrust Sci. | -0.00727 | -0.00690 |
|  | (0.00995) | (0.00878) |
| Econ./Envir. | -0.113*\*\*\** | -0.0894*\*\*\** |
|  | (0.00936) | (0.00873) |
| Constant | 1.111*\*\*\** | 0.705*\*\*\** |
|  | (0.126) | (0.122) |
|  |  |  |
| Observations | 248 | 248 |
| R-squared | 0.486 | 0.601 |

*Note:* Coefficients are from ordinary least squares models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A30: Message Effects on Independents**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.0978 | 0.210 | 0.196 | 0.00998 | -0.00902 |
|  | (0.333) | (0.208) | (0.199) | (0.0420) | (0.0348) |
| Politicization | 0.287 | 0.0576 | -0.000184 | 0.0145 | 0.00827 |
|  | (0.329) | (0.205) | (0.198) | (0.0411) | (0.0340) |
| Warning | 0.182 | -0.188 | -0.219 | 0.000260 | 0.0238 |
|  | (0.337) | (0.211) | (0.202) | (0.0422) | (0.0349) |
| Correction | -0.471 | -0.118 | -0.0330 | 0.000397 | 0.0125 |
|  | (0.328) | (0.196) | (0.189) | (0.0392) | (0.0324) |
| Percep. of Cons. |  |  | 0.811*\*\*\** |  |  |
|  |  |  | (0.131) |  |  |
| Human-Induc. |  |  |  |  | 0.111*\*\*\** |
|  |  |  |  |  | (0.00872) |
| Constant | -0.376*\** | 4.575*\*\*\** | 4.240*\*\*\** | 0.619*\*\*\** | 0.110*\*\** |
|  | (0.219) | (0.136) | (0.141) | (0.0274) | (0.0458) |
|  |  |  |  |  |  |
| Observations | 360 | 363 | 360 | 354 | 354 |
| R-squared |  | 0.011 | 0.108 | 0.001 | 0.320 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A31: Message Effects on Low Knowledge Independents**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.0462 | 0.471 | 0.476*\** | 0.0123 | -0.0251 |
|  | (0.506) | (0.286) | (0.279) | (0.0496) | (0.0435) |
| Politicization | 0.492 | -0.0119 | -0.0810 | 0.0414 | 0.0428 |
|  | (0.499) | (0.290) | (0.283) | (0.0499) | (0.0435) |
| Warning | 0.375 | -0.358 | -0.407 | 0.00596 | 0.0387 |
|  | (0.487) | (0.280) | (0.274) | (0.0483) | (0.0423) |
| Correction | -0.118 | 0.186 | 0.209 | 0.0553 | 0.0376 |
|  | (0.510) | (0.282) | (0.277) | (0.0486) | (0.0424) |
| Percep. of Cons. |  |  | 0.708*\*\*\** |  |  |
|  |  |  | (0.183) |  |  |
| Human-Induc. |  |  |  |  | 0.0826*\*\*\** |
|  |  |  |  |  | (0.0110) |
| Constant | -0.780*\*\** | 4.583*\*\*\** | 4.349*\*\*\** | 0.591*\*\*\** | 0.213*\*\*\** |
|  | (0.364) | (0.203) | (0.208) | (0.0356) | (0.0591) |
|  |  |  |  |  |  |
| Observations | 185 | 187 | 185 | 179 | 179 |
| R-squared |  | 0.050 | 0.123 | 0.011 | 0.254 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A32: Message Effects on High Knowledge Independents**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.405 | -0.140 | -0.240 | 0.0253 | 0.0537 |
|  | (0.474) | (0.306) | (0.285) | (0.0696) | (0.0539) |
| Politicization | 0.243 | 0.128 | 0.0589 | -0.00257 | -0.0210 |
|  | (0.452) | (0.290) | (0.273) | (0.0653) | (0.0506) |
| Warning | 0.300 | 0.113 | 0.0392 | 0.0218 | 0.00562 |
|  | (0.512) | (0.332) | (0.309) | (0.0746) | (0.0578) |
| Correction | -0.685 | -0.402 | -0.243 | -0.0420 | 0.0156 |
|  | (0.436) | (0.271) | (0.254) | (0.0609) | (0.0475) |
| Percep. of Cons. |  |  | 0.988*\*\*\** |  |  |
|  |  |  | (0.187) |  |  |
| Human-Induc. |  |  |  |  | 0.143*\*\*\** |
|  |  |  |  |  | (0.0134) |
| Constant | -0.118 | 4.569*\*\*\** | 4.104*\*\*\** | 0.637*\*\*\** | -0.0172 |
|  | (0.281) | (0.182) | (0.191) | (0.0409) | (0.0688) |
|  |  |  |  |  |  |
| Observations | 175 | 176 | 175 | 175 | 175 |
| R-squared |  | 0.024 | 0.162 | 0.007 | 0.408 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A33: Message Effects on Independents with Controls**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.0540 | 0.120 | 0.117 | -0.00344 | -0.0106 |
|  | (0.371) | (0.191) | (0.188) | (0.0350) | (0.0316) |
| Politicization | 0.376 | 0.0708 | 0.0139 | 0.0249 | 0.0194 |
|  | (0.371) | (0.190) | (0.188) | (0.0345) | (0.0311) |
| Warning | 0.0837 | -0.302 | -0.309 | -0.0172 | 0.00865 |
|  | (0.377) | (0.194) | (0.191) | (0.0353) | (0.0320) |
| Correction | -0.472 | -0.0408 | -0.00625 | 0.0137 | 0.0155 |
|  | (0.370) | (0.181) | (0.179) | (0.0330) | (0.0298) |
| Percep. of Cons. |  |  | 0.535*\*\*\** |  |  |
|  |  |  | (0.135) |  |  |
| Human-Induc. |  |  |  |  | 0.0784*\*\*\** |
|  |  |  |  |  | (0.00887) |
| Age | 0.0694 | 0.00820 | 0.000169 | 0.0104 | 0.0103 |
|  | (0.110) | (0.0552) | (0.0546) | (0.0101) | (0.00910) |
| Female | -0.0449 | 0.165 | 0.186 | 0.0479*\*\** | 0.0331 |
|  | (0.251) | (0.128) | (0.126) | (0.0233) | (0.0210) |
| Income | 0.143 | 0.0417 | 0.0264 | 0.0128 | 0.00895 |
|  | (0.115) | (0.0576) | (0.0571) | (0.0105) | (0.00946) |
| Minority | -0.460 | 0.290*\** | 0.346*\*\** | 0.00473 | -0.0207 |
|  | (0.313) | (0.157) | (0.155) | (0.0286) | (0.0259) |
| Education | 0.212 | -0.0683 | -0.0866 | 0.00413 | 0.0108 |
|  | (0.132) | (0.0659) | (0.0652) | (0.0122) | (0.0110) |
| Distrust Sci. | -0.341*\*\*\** | -0.0410 | -0.00793 | -0.0101 | -0.00709 |
|  | (0.0911) | (0.0447) | (0.0449) | (0.00808) | (0.00730) |
| Econ./Envir. | -0.464*\*\*\** | -0.332*\*\*\** | -0.285*\*\*\** | -0.0886*\*\*\** | -0.0622*\*\*\** |
|  | (0.0845) | (0.0402) | (0.0415) | (0.00733) | (0.00725) |
| Constant | 1.109 | 5.656*\*\*\** | 5.252*\*\*\** | 0.793*\*\*\** | 0.348*\*\*\** |
|  | (0.861) | (0.443) | (0.446) | (0.0806) | (0.0885) |
|  |  |  |  |  |  |
| Observations | 353 | 356 | 353 | 347 | 347 |
| R-squared |  | 0.204 | 0.241 | 0.339 | 0.464 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A34: Message Effects on Low Knowledge Independents with Controls**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.0362 | 0.256 | 0.256 | -0.00415 | -0.0203 |
|  | (0.558) | (0.281) | (0.278) | (0.0473) | (0.0437) |
| Politicization | 0.674 | -0.180 | -0.248 | 0.0367 | 0.0498 |
|  | (0.556) | (0.282) | (0.281) | (0.0475) | (0.0439) |
| Warning | 0.347 | -0.573*\*\** | -0.607*\*\** | -0.0221 | 0.0189 |
|  | (0.535) | (0.272) | (0.270) | (0.0458) | (0.0429) |
| Correction | -0.265 | 0.00452 | 0.0115 | 0.0286 | 0.0268 |
|  | (0.557) | (0.273) | (0.273) | (0.0460) | (0.0424) |
| Percep. of Cons. |  |  | 0.504*\*\*\** |  |  |
|  |  |  | (0.186) |  |  |
| Human-Induc. |  |  |  |  | 0.0644*\*\*\** |
|  |  |  |  |  | (0.0118) |
| Age | -0.0356 | 0.0708 | 0.0707 | 0.0156 | 0.0109 |
|  | (0.149) | (0.0751) | (0.0750) | (0.0127) | (0.0118) |
| Female | 0.366 | 0.210 | 0.187 | 0.0466 | 0.0295 |
|  | (0.364) | (0.184) | (0.183) | (0.0305) | (0.0283) |
| Income | 0.0594 | 0.0415 | 0.0425 | 0.00214 | -0.00163 |
|  | (0.173) | (0.0890) | (0.0888) | (0.0151) | (0.0139) |
| Minority | -0.555 | 0.323 | 0.377 | -0.00805 | -0.0324 |
|  | (0.447) | (0.220) | (0.218) | (0.0370) | (0.0344) |
| Education | 0.0981 | -0.0127 | -0.0252 | 0.00129 | 0.00363 |
|  | (0.193) | (0.0979) | (0.0971) | (0.0170) | (0.0157) |
| Distrust Sci. | -0.226*\** | -0.0220 | -0.00402 | -0.00171 | -0.00112 |
|  | (0.136) | (0.0690) | (0.0692) | (0.0114) | (0.0105) |
| Econ./Envir. | -0.426*\*\*\** | -0.270*\*\*\** | -0.230*\*\*\** | -0.0552*\*\*\** | -0.0374*\*\*\** |
|  | (0.120) | (0.0576) | (0.0591) | (0.00967) | (0.00949) |
| Constant | 0.556 | 5.018*\*\*\** | 4.724*\*\*\** | 0.660*\*\*\** | 0.342*\*\*\** |
|  | (1.208) | (0.631) | (0.634) | (0.105) | (0.113) |
|  |  |  |  |  |  |
| Observations | 182 | 184 | 182 | 176 | 176 |
| R-squared |  | 0.189 | 0.224 | 0.201 | 0.325 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.

**Table A35: Message Effects on High Knowledge Independents with Controls**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (1) | (2) | (3) | (4) | (5) |
|  | Perceptions of Consensus | Human-Induced Climate Change | Human-Induced Climate Change  | Policy Beliefs | Policy Beliefs  |
|  |  |  |  |  |  |
| Consensus | 0.408 | -0.101 | -0.154 | 0.0180 | 0.0341 |
|  | (0.554) | (0.274) | (0.268) | (0.0516) | (0.0454) |
| Politicization | 0.266 | 0.324 | 0.257 | 0.0318 | 0.00225 |
|  | (0.539) | (0.267) | (0.263) | (0.0498) | (0.0439) |
| Warning | -0.0383 | 0.0974 | 0.0949 | 0.0324 | 0.0234 |
|  | (0.614) | (0.304) | (0.297) | (0.0567) | (0.0498) |
| Correction | -0.525 | -0.0411 | 0.00981 | 0.0397 | 0.0422 |
|  | (0.525) | (0.252) | (0.246) | (0.0469) | (0.0411) |
| Percep. of Cons. |  |  | 0.629*\*\*\** |  |  |
|  |  |  | (0.202) |  |  |
| Human-Induc. |  |  |  |  | 0.0911*\*\*\** |
|  |  |  |  |  | (0.0131) |
| Age | 0.107 | -0.0242 | -0.0296 | 0.00501 | 0.00787 |
|  | (0.188) | (0.0879) | (0.0859) | (0.0164) | (0.0144) |
| Female | -0.442 | 0.0296 | 0.0928 | 0.0400 | 0.0358 |
|  | (0.404) | (0.193) | (0.190) | (0.0360) | (0.0316) |
| Income | 0.188 | 0.0428 | 0.0155 | 0.0206 | 0.0169 |
|  | (0.164) | (0.0777) | (0.0764) | (0.0145) | (0.0127) |
| Minority | -0.227 | 0.345 | 0.378 | 0.0601 | 0.0262 |
|  | (0.473) | (0.235) | (0.230) | (0.0438) | (0.0388) |
| Education | 0.240 | -0.0821 | -0.101 | 0.00506 | 0.0140 |
|  | (0.212) | (0.102) | (0.0999) | (0.0190) | (0.0167) |
| Distrust Sci. | -0.435*\*\*\** | -0.0316 | 0.0151 | -0.00848 | -0.00494 |
|  | (0.133) | (0.0605) | (0.0610) | (0.0113) | (0.00992) |
| Econ./Envir. | -0.600*\*\*\** | -0.392*\*\*\** | -0.326*\*\*\** | -0.123*\*\*\** | -0.0869*\*\*\** |
|  | (0.135) | (0.0592) | (0.0619) | (0.0110) | (0.0110) |
| Constant | 2.150 | 6.087*\*\*\** | 5.485*\*\*\** | 0.896*\*\*\** | 0.333*\*\*\** |
|  | (1.381) | (0.663) | (0.674) | (0.124) | (0.135) |
|  |  |  |  |  |  |
| Observations | 171 | 172 | 171 | 171 | 171 |
| R-squared |  | 0.264 | 0.308 | 0.490 | 0.610 |

*Note:* Coefficients are from a logit model for the perceptions of consensus model and from ordinary least squares for the other models. Standard errors in parentheses. \*\*\**p* ≤ .01; \*\**p* ≤ .05; \**p* ≤ .10 for two-tailed tests.