How to distinguish climate sceptics, antivaxxers, and perpetual sceptics Supplementary Information

Supplementary Table S1: Pairwise correlation matrix of the dependent variables

| Sample | Climate sceptic – | Antivaxxer – |
|--------------|-------------------|--------------|
| | economy over | economy over |
| | climate change | COVID-19 |
| Pooled | 0.24*** | 0.20*** |
| Australia | 0.37*** | 0.17*** |
| Brazil | 0.18*** | 0.23*** |
| China | 0.08*** | -0.01 |
| UK | 0.34*** | 0.23*** |
| India | 0.07** | 0.07** |
| Japan | 0.35*** | 0.19*** |
| South Africa | 0.07** | 0.18*** |
| US | 0.44*** | 0.30*** |

Note: Entries are Pearson's correlation coefficients for giving complete priority to the economy over combatting climate change and climate sceptics and giving complete priority to the economy over combatting COVID-19 and antivaxxers. *** denotes p<0.001, ** p<0.01 and * p<0.05.

Supplementary Table S2: Variables and coding strategy

| Variable | Description | Coding/ scale |
|---------------|---|---|
| Age | Age in years | Range (18-99) |
| Gender | Binary variable | 0=male, 1=female |
| Degree | Binary variable | 0=no bachelor degree, 1= bachelor degree |
| EnvTop3 | Rates the environment as a top- | Which of the following, if any, do you think are the most |
| | three priority | important issues facing your country at this time: health, |
| | | immigration, crime, the economy, tax, pensions, education, |
| | | family life & childcare, international relations, the environment |
| | | and transport. (Select up to 3 answers) |
| | | 0=does not rate environment as top-three priority, 1=rates |
| | | environment as top-three priority |
| HealthTop3 | Rates health as a top-three priority | Which of the following, if any, do you think are the most |
| | | important issues facing your country at this time: health, |
| | | immigration, crime, the economy, tax, pensions, education, |
| | | family life & childcare, international relations, the environment |
| | | and transport. (Select up to 3 answers) |
| | | 0=does not rate health as top-three priority, 1=rates health as |
| | | top-three priority |
| Objective | Number of correct responses to | 0 (0 correct science knowledge answers) to 9 (9 correct |
| knowledge | energy, climate and virus | science knowledge answers) |
| | knowledge questions | |
| Self-declared | Self-declared knowledge about | How knowledgeable, if at all, would you say you are about how |
| knowledge | energy production, delivery and | energy is produced, delivered and used? |
| | usage | 1 (not at all knowledgeable) to 5 (very knowledgeable) |
| Trust in | Level of trust in university scientists | To what extent, if at all, do you trust the following sources to |
| scientists | for accurate information on | provide you with accurate information on sustainable energy |
| | sustainable energy and | and environmental issues? Seven-point scale: |
| | environmental issues | 1 (do not trust at all) to 7 (trust completely) |
| Perceived | Perceived income sufficiency | Which of the following best describes how you feel about your |
| income | | household's income nowadays? 1=living comfortably on |
| sufficiency | | present income, 2=coping on present income, 3=finding it |

| | | difficult on present income, 4=finding it very difficult on |
|------------------------|---|--|
| | | present income, 5=prefer not to say, 6=don't know |
| ClimateResp | Attribution of responsibility to the individual versus other institutions for combatting climate change | How much responsibility, if any, do you think individuals have solving climate change compared to other institutions (e.g. governments, businesses, charities)? 11-point scale: From 0 (completely the responsibility of other institutions) to 10 (completely the individual's responsibility to solve) |
| CovidResp | Attribution of responsibility to the individual versus other institutions for combatting the COVID-19 pandemic | How much responsibility, if any, do you think individuals have solving COVID-19 compared to other institutions (e.g. governments, businesses, charities)? 11-point scale: From 0 (completely the responsibility of other institutions) to 10 (completely the individual's responsibility to solve) |
| Precautionism | Preference for taking immediate action to prevent a potentially serious societal problem versus waiting for more certain information | In general, do you think it is better to: take action in anticipation of what may become a serious problem based on uncertain information or wait to see if the problem develops into a serious problem and take action then? 11-point scale: From 0 (definitely take action immediately) to 10 (definitely wait and see) |
| Climate sceptic | Feels that climate change does not pose any threat to their country (and not an antivaxxer) | Do you think that climate change is a major threat, a minor threat or not a threat to your country? 0 = not a climate sceptic (a major or minor threat) 1 = climate sceptic (not a threat) |
| Antivaxxer | Would definitely not take a COVID- 19 vaccine if offered one (and not a climate sceptic) | It was recently announced that effective COVID-19 vaccines have been developed. If a COVID-19 vaccine is offered to you, how likely or unlikely are you take it? 0 = not an antivaxxer (any of the following responses: Already taken it, would definitely take it, somewhat likely to take it, neither likely not unlikely to take it, somewhat unlikely to take it, and very unlikely to take it) 1= antivaxxer (would definitely not take it) |
| Double sceptic | Feels that climate change does not pose any threat to their country and would definitely not take a COVID-19 vaccine if offered one | 0 = not a double sceptic 1 = double sceptic |
| EconOver Clim&Covid | Gives complete priority to economic growth over protecting the climate and public from COVID-19 | 0 = does not give complete priority to economic growth over protecting the climate and public from COVID-19 1 = gives complete priority to economic growth over protecting the climate and public from COVID-19 |
| EconOver Clim | Gives complete priority to economic growth over protecting climate change (and does not give complete priority to economy over protecting the public from COVID-19) | Some believe that economic growth should have priority even if that hinders protecting the climate. Others believe that protecting the climate should have priority even if that reduces economic growth. On a scale of 1 to 10, where would you place yourself, where 0 means economic growth should have priority and 10 means protecting the climate should have priority 0 = economic growth should not have complete priority 10 = economic growth should have complete priority |
| EconOver Covid | Gives complete priority to economic growth over protecting the public from COVID-19 (and does not give complete priority to economy over protecting the climate) | Some believe that economic growth should have priority even if that hinders protecting the public from COVID-19. Others believe that protecting the public from COVID-19 should have priority even if that reduces economic growth. On a scale of 1 to 10, where would you place yourself, where 0 means economic growth should have priority and 10 means protecting the public from COVID-19 should have priority 0 = economic growth should not have complete priority 10 = economic growth should have complete priority |

Supplementary Tables S3-S10: Descriptive Statistics for Country Samples

| Discrete variables | | |
|---|----------|---------|
| Variable | N | % share |
| Double sceptic | 34 | 1.70 |
| Climate sceptic | 155 | 7.75 |
| Antivaxxer | 88 | 4.40 |
| EconOverClim&Covid | 30 | 1.50 |
| EconOverClim | 119 | 5.95 |
| EconOverCovid | 26 | 1.30 |
| Gender | | |
| Female | 1020 | 51.00 |
| Male | 980 | 49.00 |
| Educational attainment | | |
| No completed education | 7 | 0.35 |
| Primary school only | 23 | 1.15 |
| Secondary education to Year 11 or below | 229 | 11.45 |
| Secondary education to Year 12 | 313 | 15.65 |
| TAFE Certificate, Diploma | 598 | 29.90 |
| University and tertiary education (Undergraduate, Bachelor degrees) | 567 | 28.35 |
| Masters degree | 211 | 10.55 |
| Doctorate/PhD | 38 | 1.90 |
| Prefer not to answer | 14 | 0.70 |
| EnvTop3 | 801 | 40.05 |
| HealthTop3 | 1144 | 57.20 |
| Continuous variables | | |
| Variable | Mean | SD |
| Age | 46.98 | 17.42 |
| Know. Index | 3.94 | 1.81 |
| Energy know. (self-decl.) | 2.88 | 1.05 |
| Trust scientists | 4.97 | 1.44 |
| Perceived income | 2.08 | 0.98 |
| sufficiency | <u> </u> | |
| Climate resp. | 5.87 | 2.17 |
| Covid resp. | 5.89 | 2.26 |
| Precautionism | 6.58 | 2.55 |

Supplementary Table S3: Descriptive statistics for Australia (n=2000)

| Discrete variables | | | |
|--------------------------------------|---------|--------------|--|
| Variable | N | % share | |
| Double sceptic | 23 | 1.15 | |
| Climate sceptic | 73 | 3.65 | |
| Antivaxxer | 72 | 3.60 | |
| EconOverClim&Covid | 67 | 3.35 | |
| EconOverClim | 150 | 7.50 | |
| EconOverCovid | 62 | 3.10 | |
| Gender | | | |
| Female | 1040 | 52.00 | |
| Male | 960 | 48.00 | |
| Educational attainment | | | |
| Without formal education | 4 | 0.20 | |
| Elementary education | 30 | 1.50 | |
| Lower secondary education | 26 | 1.30 | |
| Complete lower secondary | 55 | 2.75 | |
| education | | | |
| Upper secondary education | 715 | 35.75 | |
| University | 794 | 39.70 | |
| Postgraduate degree | 272 | 13.60 | |
| Master's degree | 68 | 3.40 | |
| Doctor's degree | 26 | 1.30 | |
| Prefer not to answer | 10 | 0.50 | |
| EnvTop3 | 414 | 20.70 | |
| HealthTop3 | 1645 | 82.25 | |
| Continuous variables | | | |
| Variable | Mean | SD | |
| Age | 42.82 | 15.67 | |
| Know. Index | 2.80 | 1.61 | |
| Energy know. (self-decl.) | 3.21 | 1.17 | |
| Trust scientists | 5.12 | 1.65 | |
| Perceived income sufficiency | 2.11 | .97 | |
| Climate resp. | 5.87 | 2.67 | |
| Covid resp. | 5.92 | 2.82 | |
| Precautionism | 7.91 | 2.93 | |
| Cumplements w. Table C4. Decariative | +-+:-+: | fa., D., 200 | |

Supplementary Table S4: Descriptive statistics for Brazil (n=2000)

| Discrete variables | | |
|-------------------------------------|-------|---------|
| Variable | N | % share |
| Double sceptic | 2 | 0.10 |
| Climate sceptic | 82 | 4.10 |
| Antivaxxer | 10 | 0.50 |
| EconOverClim&Covid | 11 | 0.55 |
| EconOverClim | 37 | 1.85 |
| EconOverCovid | 19 | 0.95 |
| Gender | | 0.55 |
| Female | 997 | 49.85 |
| Male | 1003 | 51.15 |
| Educational attainment | 1003 | 31.13 |
| No formal schooling | 4 | 0.20 |
| Primary education | 2 | 0.10 |
| incomplete | | 0.10 |
| Primary education complete | 14 | 0.70 |
| Junior high school | 8 | 0.40 |
| incomplete | | 0.10 |
| Junior high school complete | 31 | 1.55 |
| Junior/ technical secondary | 32 | 1.60 |
| school | | |
| Senior/ technical secondary | 81 | 4.05 |
| school | | |
| Senior high school | 123 | 6.15 |
| College | 352 | 17.60 |
| University | 1222 | 61.20 |
| Postgraduate | 129 | 6.45 |
| Prefer not to say | 2 | 0.10 |
| EnvTop3 | 995 | 49.75 |
| HealthTop3 | 1042 | 52.10 |
| Continuous variables | | • |
| Variable | Mean | SD |
| Age | 41.53 | 15.42 |
| Know. Index | 4.62 | 1.40 |
| Energy know. (self-decl.) | 3.21 | 0.94 |
| Trust scientists | 5.13 | 1.27 |
| Perceived income sufficiency | 1.54 | 0.66 |
| Climate resp. | 6.15 | 2.09 |
| Covid resp. | 6.10 | 2.31 |
| Precautionism | 6.58 | 2.52 |
| Supplementary Table S5: Descriptive | | |

Supplementary Table S5: Descriptive statistics for China (n=2000)

| Discrete variables | | |
|------------------------------|-------|---------|
| Variable | N | % share |
| Double sceptic | 11 | 0.55 |
| Climate sceptic | 79 | 3.95 |
| Antivaxxer | 51 | 2.55 |
| EconOverClim&Covid | 24 | 1.20 |
| EconOverClim | 82 | 4.10 |
| EconOverCovid | 20 | 1.00 |
| Gender | | |
| Female | 1023 | 51.15 |
| Male | 977 | 48.85 |
| Educational attainment | | |
| Primary education | 11 | 0.55 |
| Lower secondary education | 336 | 16.80 |
| Upper secondary education | 409 | 20.45 |
| Post-secondary education, | 367 | 18.35 |
| but not university | | |
| First degree | 540 | 27.00 |
| Postgraduate degree | 324 | 16.20 |
| Prefer not to answer | 13 | 0.65 |
| EnvTop3 | 646 | 32.30 |
| HealthTop3 | 1523 | 76.15 |
| Continuous variables | | |
| Variable | Mean | SD |
| Age | 47.83 | 16.87 |
| Know. Index | 4.23 | 1.77 |
| Energy know. (self-decl.) | 2.77 | 1.03 |
| Trust scientists | 5.12 | 1.33 |
| Perceived income sufficiency | 1.96 | 0.89 |
| Climate resp. | 5.71 | 2.02 |
| Covid resp. | 5.63 | 2.26 |
| Precautionism | 6.71 | 2.43 |
| | | |

Supplementary Table S6: Descriptive statistics for the UK (n=2000)

| Discrete variables | • | 1 |
|------------------------------------|-------|---------|
| Variable | N | % share |
| Double sceptic | 4 | 0.20 |
| Climate sceptic | 73 | 3.65 |
| Antivaxxer | 75 | 3.75 |
| EconOverClim&Covid | 146 | 7.30 |
| EconOverClim | 142 | 7.10 |
| EconOverCovid | 67 | 3.35 |
| Gender | | |
| Female | 981 | 49.05 |
| Male | 1019 | 50.95 |
| Educational attainment | | |
| No formal schooling | 6 | 0.30 |
| School up to 2 nd grade | 6 | 0.30 |
| School up to 4 th grade | 9 | 0.45 |
| School up to 9 th grade | 13 | 0.65 |
| SSC (10 th grade) | 59 | 2.95 |
| HSC (12 th grade) | 152 | 7.60 |
| Some college | 176 | 8.80 |
| Graduate/ Postgraduate – | 882 | 44.10 |
| General | | |
| Graduate/ Postgraduate - | 686 | 34.30 |
| Professional | | |
| Prefer not to answer | 11 | 0.55 |
| EnvTop3 | 670 | 33.50 |
| HealthTop3 | 1103 | 55.15 |
| Continuous variables | | |
| Variable | Mean | SD |
| Age | 38.61 | 14.88 |
| Know. Index | 4.11 | 1.34 |
| Energy know. (self-decl.) | 3.86 | 1.10 |
| Trust scientists | 5.49 | 1.50 |
| Perceived income sufficiency | 2.16 | 1.21 |
| Climate resp. | 4.98 | 3.02 |
| Covid resp. | 4.82 | 3.08 |
| Precautionism | 6.51 | 3.49 |
| | | |

Supplementary Table S7: Descriptive statistics for India (n=2000)

| Discrete variables | | |
|------------------------------|-------|---------|
| Variable | N | % share |
| Double sceptic | 12 | 0.60 |
| Climate sceptic | 85 | 4.18 |
| Antivaxxer | 51 | 2.52 |
| EconOverClim&Covid | 20 | 0.98 |
| EconOverClim | 41 | 2.01 |
| EconOverCovid | 16 | 0.79 |
| Gender | | |
| Female | 1054 | 51.79 |
| Male | 981 | 48.21 |
| Educational attainment | | |
| Primary education/ junior | 72 | 3.54 |
| high school | | |
| High school | 643 | 31.60 |
| Post-secondary education | 419 | 20.59 |
| First degree | 801 | 39.36 |
| Postgraduate degree | 70 | 3.44 |
| Doctorate or other | 16 | 0.79 |
| advanced degree | | |
| Prefer not to answer | 14 | 0.69 |
| EnvTop3 | 370 | 18.18 |
| HealthTop3 | 972 | 47.76 |
| Continuous variables | | |
| Variable | Mean | SD |
| Age | 50.28 | 16.97 |
| Know. Index | 3.98 | 1.81 |
| Energy know. (self-decl.) | 2.69 | 0.98 |
| Trust scientists | 4.29 | 1.26 |
| Perceived income sufficiency | 2.41 | 0.98 |
| Climate resp. | 6.27 | 1.96 |
| Covid resp. | 5.99 | 2.20 |
| Precautionism | 4.78 | 2.34 |

Supplementary Table S8: Descriptive statistics for Japan (n=2035)

| Discrete variables | | |
|------------------------------|-------|---------|
| Variable | N | % share |
| Double sceptic | 37 | 1.85 |
| Climate sceptic | 44 | 2.20 |
| Antivaxxer | 346 | 17.30 |
| EconOverClim&Covid | 89 | 4.45 |
| EconOverClim | 170 | 8.50 |
| EconOverCovid | 127 | 6.35 |
| Gender | | |
| Female | 1028 | 51.40 |
| Male | 972 | 48.60 |
| Educational attainment | | |
| No schooling | 1 | 0.05 |
| Some primary | 2 | 0.10 |
| Completed primary | 6 | 0.30 |
| Secondary (grades 8-9) | 31 | 1.55 |
| Secondary (grades 10-11) | 90 | 4.50 |
| Secondary (matric or | 649 | 32.45 |
| equivalent) | | |
| Post-secondary education, | 568 | 28.40 |
| but not university | | |
| First degree | 461 | 23.05 |
| Postgraduate degree | 178 | 8.90 |
| Prefer not to answer | 14 | 8.90 |
| EnvTop3 | 174 | 8.70 |
| HealthTop3 | 1275 | 63.75 |
| Continuous variables | | |
| Variable | Mean | SD |
| Age | 39.19 | 14.87 |
| Know. Index | 4.22 | 1.46 |
| Energy know. (self-decl.) | 3.22 | 1.10 |
| Trust scientists | 5.18 | 1.51 |
| Perceived income sufficiency | 2.76 | 1.01 |
| Climate resp. | 5.36 | 2.58 |
| Covid resp. | 4.85 | 2.82 |
| Precautionism | 7.12 | 3.05 |

Supplementary Table S9: Descriptive statistics for South Africa (n=2000)

| Discrete variables | | |
|------------------------------|-------|---------|
| Variable | N | % share |
| Double sceptic | 80 | 4.00 |
| Climate sceptic | 205 | 10.25 |
| Antivaxxer | 123 | 6.15 |
| EconOverClim&Covid | 82 | 4.10 |
| EconOverClim | 126 | 6.30 |
| EconOverCovid | 51 | 2.55 |
| Gender | | |
| Female | 974 | 48.70 |
| Male | 1026 | 51.30 |
| Educational attainment | | |
| Some high school or less | 42 | 2.10 |
| High school degree or | 319 | 15.95 |
| equivalent | | |
| Some college – no degree | 440 | 22.00 |
| 2-year college/ technical | 240 | 12.00 |
| degree | | |
| 4-year college degree | 624 | 31.20 |
| Postgraduate degree | 332 | 16.60 |
| Prefer not to answer | 3 | 0.15 |
| EnvTop3 | 594 | 29.70 |
| HealthTop3 | 1209 | 60.45 |
| Continuous variables | | |
| Variable | Mean | SD |
| Age | 47.91 | 17.44 |
| Know. Index | 3.91 | 1.69 |
| Energy know. (self-decl.) | 2.99 | 1.07 |
| Trust scientists | 4.75 | 1.59 |
| Perceived income sufficiency | 1.96 | 1.04 |
| Climate resp. | 5.67 | 2.28 |
| Covid resp. | 5.68 | 2.44 |
| Precautionism | 6.56 | 2.52 |
| - 1 11 - 1 - 1 - 1 | | |

Supplementary Table S10: Descriptive statistics for the US (n=2000)

Supplementary Table S11: Pooled model results showing effect of key drivers on the relative log odds of being a double sceptic, climate sceptic or antivaxxer

| Parameter | Model | | |
|--------------------------------|-----------------|--------------|-----------------|
| | 1A | 2A | 3A |
| | Climate sceptic | Climate | Antivaxxer only |
| | and antivaxxer | sceptic only | |
| Age | 0.03 | 0.02** | -0.01T |
| Female | -0.23 | -0.67T | 0.19* |
| Degree | -0.40* | -0.09T | -0.33*** |
| Prioritise environment | -1.66*** | -1.44 | -0.16 |
| Prioritise health | -1.10*** | -0.58T | -0.22** |
| Objective knowledge | -0.03 | -0.16*** | -0.01 |
| Self-declared energy knowledge | 0.15T | 0.12** | 0.01 |
| Trust in scientists | -0.56*** | -0.32** | -0.25*** |
| Perceived income sufficiency | 0.04 | -0.04 | 0.25*** |
| Climate responsibility | -0.01 | -0.12*** | 0.04* |
| COVID-19 responsibility | -0.16*** | 0.04* | -0.01* |
| Precautionism | 0.05 | -0.06*** | 0.04** |
| N | 203 | 796 | 816 |
| R2 | 0.27 | 0.16 | 0.14 |

Table S11: Effects on the relative log odds of being a climate sceptic, antivaxxer or both (N=14956).

Note: The dependent variable is binary, taking the value of 1 if an individual response is categorized as the defined sceptic attitude towards climate change and COVID-19 and 0 otherwise. Model (1A) estimates the probability of an individual being both climate sceptic and antivaxxer, model (2A) climate sceptic but not antivaxxer and model (3A) antivaxxer but not climate sceptic. Country controls are included but not reported. Individual country regressions are reported in Table 3. *P<0.05, **P<0.01 and ***P<0.001.

Supplementary Table S12: Pooled model results showing effect of key drivers on the relative log odds of giving complete priority to the economy over climate protection or combatting COVID-19 or both

| Parameter | | Model | |
|--------------------------------|--------------|--------------|---------------|
| | 1B | 2B | 3B |
| | Prioritise | Prioritise | Prioritise |
| | economy over | economy over | economy over |
| | both climate | climate only | COVID-19 only |
| | and COVID-19 | | |
| Age | 0.01* | 0.01*** | 7.09E-4 |
| Female | -0.03 | -0.07 | -0.04 |
| Degree | 0.12 | -0.23** | -0.23T |
| Prioritise environment | -0.87*** | -0.90*** | -0.16 |
| Prioritise health | -0.66*** | -0.22** | -0.58*** |
| Objective knowledge | -0.15*** | -0.20*** | 0.02 |
| Self-declared energy knowledge | 0.57*** | 0.23*** | 0.13** |
| Trust in scientists | -0.21*** | -0.11*** | -0.15*** |
| Economic hardship | 0.04 | 0.11** | 0.11* |
| Climate responsibility | -0.12*** | -0.01 | -0.02 |
| COVID-19 responsibility | -0.18*** | 0.03T | -0.13*** |
| Precautionism | 0.23*** | 0.11*** | 0.08*** |
| N | 469 | 867 | 388 |
| R2 | 0.23 | 0.08 | 0.10 |

Table S12: Effects on the relative log odds of giving complete priority to the economy over climate protection or combatting COVID-19 or both (N=14956).

Note: The dependent variable is binary, taking the value of 1 if an individual response is categorized as the defined sceptic attitude towards climate change and COVID-19 and 0 otherwise. Model (1B) estimates the probability of an individual giving complete priority to the economy over combatting climate change and the pandemic, model (2B) the probability of giving complete priority to the economy over climate protection but not combatting COVID-19 and model (3B) the probability of giving complete priority to the economy over combatting COVID-19 but not climate protection. Country controls are included but not reported. Individual country regressions are reported in Table 4. *P<0.05, **P<0.01 and ***P<0.001.

In comparing tables S11 and S12 (similar to tables 1 and 2 in the main text), it is noteworthy that the numbers of climate sceptics and those who deprioritise climate is relatively comparable whereas more than twice as many respondents prioritise the economy over both climate and COVID-19 compared to the number that are both anti-vaxxers and climate sceptics.

Supplementary Table S13: Probability of making no lifestyle changes due to climate change or COVID-19

| Trust in scientists | | Model | |
|---------------------|----------------|--------------|--------------|
| | 1B | 2B | 3B |
| | No lifestyle | No lifestyle | No lifestyle |
| | changes due to | changes due | changes due |
| | climate change | to climate | to COVID-19 |
| | or COVID-19 | change only | only |
| 1 | 0.07*** | 0.16*** | 0.02*** |
| 2 | 0.05*** | 0.15*** | 0.02*** |
| 3 | 0.03*** | 0.13*** | 0.02*** |
| 4 | 0.03*** | 0.12*** | 0.02*** |
| 5 | 0.02*** | 0.11*** | 0.02*** |
| 6 | 0.02*** | 0.09*** | 0.01*** |
| 7 | 0.01*** | 0.08*** | 0.01*** |

Table S13: Predicted probability of making no lifestyle changes due to COVID-19, climate change or both issues depending on level of trust in scientists.

Note: The dependent variable is binary, taking the value of 1 if an individual reports making no lifestyle changes due to the specified issue combination and 0 otherwise. Model (1) estimates the probability of an individual reporting no lifestyle changes due to climate change and the pandemic, model (2) the probability of no lifestyle changes due to climate change but not COVID-19 and model (3) the probability of no lifestyle changes due to COVID-19 but not climate change. Country controls are included but not reported. Individual country regressions are reported in Table 4. *P<0.05, **P<0.01 and ***P<0.001.

Supplementary Tables S14-S15: Comparing political ideology, distrust in scientists, government and television news across non-sceptic and sceptic segments

| Variable | Non-sception | Non-sceptic (n=14423) | | otic (n=203) | Climate sce | ptic (n=796) | Antivaxxe | er (n=816) |
|---------------------|--------------|-----------------------|------|--------------|-------------|--------------|-----------|------------|
| | Mean | SD | Mean | SD | Mean | SD | Mean | SD |
| Left-right | | | | | | | | |
| orientation | 5.44 | 0.03 | 7.45 | 0.21 | 7.06 | 0.11 | 5.98 | 0.13 |
| Distrust scientists | 1.90 | 0.01 | 3.94 | 0.13 | 3.07 | 0.06 | 2.56 | 0.06 |
| Distrust | | | | | | | | |
| government | 3.21 | 0.02 | 4.41 | 0.14 | 3.48 | 0.07 | 4.06 | 0.07 |
| Distrust TV news | 2.84 | 0.01 | 5.07 | 0.11 | 3.76 | 0.07 | 3.74 | 0.07 |

Table S14: Descriptive statistics of key variables across sceptic and non-sceptic segments.

| | D | ouble vs. si | ngle sceptic | s | Non-sceptics vs. sceptics | | | | | | |
|------------------------|-----------|--------------|--------------|---------|---------------------------|---------|-----------|--------------------|-----------|-------------------|---|
| • | • | | · | | | | • | Non-sce climate | • | Non-sce antiva | • |
| • | t-test | p-value | t-test | p-value | t-test | | t-test | | t-test | | |
| Variable | statistic | | statistic | | statistic | p-value | statistic | p-value | statistic | p-value | |
| Left-right orientation | 36.39 | 0.000 | 125.50 | 0.000 | -7.4E2 | 0.000 | -1.20E3 | 0.000 | -3.60E2 | 0.000 | |
| Distrust scientists | 139.46 | 0.000 | 222.71 | 0.000 | -1.6E3 | 0.000 | -1.80E3 | 0.000 | -1.10E3 | 0.000 | |
| Distrust government | 133.26 | 0.000 | 50.46 | 0.000 | -6.6E2 | 0.000 | -2.90E2 | 0.000 | -7.10E2 | 0.000 | |
| Distrust TV news | 208.93 | 0.000 | 213.13 | 0.000 | -1.9E3 | 0.000 | -1.30E3 | 0.000 | -1.30E3 | 0.000 | |

Table S15: Comparing left-right orientation, distrust in scientists, government and television news across non-sceptic and sceptic segments.

Note: (Unequal) t-test statistics and associated p-value indicate that the difference in means is statistically significant at the 0.001 level in all cases.

Supplementary Tables S16-S17: The relationship between political orientation and climate scepticism, antivaxxism, correlated attitudes towards the importance of the economy over climate and COVID-19 mitigation

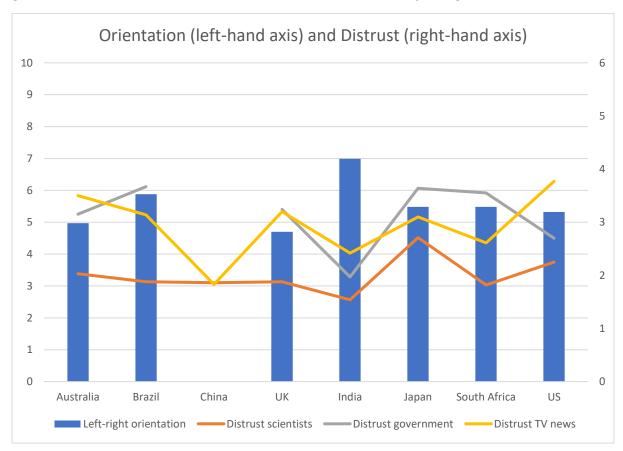
| Parameter | | Model | |
|--------------------------------|-----------------|--------------|-----------------|
| | 1A | 2A | 3A |
| | Climate sceptic | Climate | Antivaxxer only |
| | and antivaxxer | sceptic only | |
| Age | 1.41E-5 | 3.34E-4*** | -1.79E-4T |
| Female | -5.27E-3 | -0.01*** | 5.55E-3T |
| Degree | -1.06E-3T | -3.13E-4 | -0.01** |
| Prioritise environment | -0.01*** | -0.04*** | -4.95E-3 |
| Prioritise health | -2.85E-3*** | -0.01*** | -0.01** |
| Objective knowledge | -7.30E-6 | -3.33E-3*** | -1.17E-4 |
| Self-declared energy knowledge | -2.99E-4 | -1.90E-3T | -3.85E-4 |
| Trust in scientists | -1.57E-3*** | -0.01*** | -0.01*** |
| Economic hardship | -4.87E-4T | -7.33E-4 | 0.01*** |
| Climate responsibility | 9.91E-6 | -2.22E-3 | 2.08E-3** |
| COVID-19 responsibility | -5.27E-4*** | 6.00E-4 | -1.97E-4 |
| Precautionism | 8.90E-5 | -1.11E-3** | 1.87E-3** |
| Political orientation | 3.22E-4** | 2.30E-3*** | 1.30E-3* |
| N | 10192 | 10192 | 10192 |
| R2 | 0.31 | 0.22 | 0.14 |

Supplementary Table S16. Probability of being a double or single sceptic including political orientation. Note: Results exclude China.

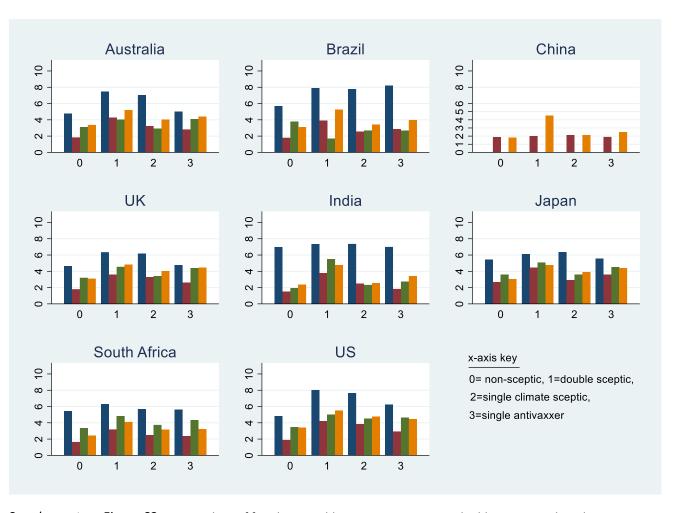
| Parameter | | Model | |
|--------------------------------|-------------|--------------|---------------|
| | 1B | 2B | 3B |
| | Econ over | Econ over | Econ over |
| | climate and | climate only | COVID-19 only |
| | COVID-19 | | |
| Age | 6.94E-5 | 5.45E-3*** | -2.42E-5 |
| Female | -2.12E-4 | 4.19E-4 | 7.90E-4 |
| Degree | 2.05E-3 | -0.01** | -3.40E-3 |
| Prioritise environment | -0.01*** | -0.04*** | -2.34E-3 |
| Prioritise health | -0.01*** | -3.55E-3 | -0.02*** |
| Objective knowledge | -0.02*** | -0.01*** | 1.04E-3 |
| Self-declared energy knowledge | 0.01*** | 0.01*** | 1.55E-3 |
| Trust in scientists | -2.56E-3*** | -4.42E-3*** | -2.10E-3** |
| Economic hardship | 9.21E-4 | 0.01** | 1.45E-3 |
| Climate responsibility | -1.62E-3*** | -2.66E-4 | -4.87E-5 |
| COVID-19 responsibility | -2.03E-3*** | 1.48E-3* | -1.67E-3*** |
| Precautionism | 2.89E-3*** | 4.34E-3*** | 1.34E-3** |
| Political orientation | 2.10E-3*** | 0.01*** | 1.90E-3*** |
| N | 10192 | 10192 | 10192 |
| R2 | 0.26 | 0.09 | 0.10 |

Supplementary Table S17. Probability of prioritising the economy over climate change and COVID-19 or climate change/ COVID-19 only. Note: Results exclude China.

Supplementary Figures S1-S2: Political orientation, trust in university scientists, national government and television news across countries and national sceptic segments



Supplementary Figure S1: Mean left-right orientation and distrust in university scientists, national government and television news across countries. Blue bars show the mean score respondents assigned when asked to locate themselves on a left-right political spectrum ranging from 0 (left) to 10 (right). Orange lines show mean levels of respondents' distrust in university scientists, grey lines their national government and yellow lines television news from 0 (completely trust) to 6 (do not trust at all). Chinese respondents were not asked questions on left-right orientation and distrust in national government.



Supplementary Figure S2: Mean values of four key variables across non-sceptic, double sceptic and single sceptic segments in separate country samples. The blue bars (left) show the mean score respondents assigned when asked to locate themselves on a left-right political scale from 0 (left) to 10 (right). Brown bars (second) show mean levels of respondents' distrust in university scientists, green bars (third) their national government and orange bars (fourth) television news from 0 (completely trust) to 6 (do not trust at all).

Supplementary Tables S18-S19: Associations with climate sceptics, antivaxxers, double sceptics and associated prioritisations of the economy across countries

| Country | Age | Female | Prioritise | Prioritise | Know. | Self-decl. | Trust | Economic | Climate | Covid resp. | Prec. | Adj. |
|---|---------------|---------------|------------|-------------|---------------|-----------------|----------------|---------------|----------------|-------------|-----------|------|
| | | | env | health | index | energy know. | | hardship | resp. | | | R2 |
| Australia (n=1827) | | - | 1 | I | ı | | I | 1 | I | I | 1 | 1 |
| Climate sceptics & antivaxxers | 2.96E-5 | 1.40E-3 | -0.01* | -2.56E-3 | 2.58E-3 | -1.77E-5 | -3.10E- 3** | 1.11E-3 | -6.87E-4 | -2.55E-4 | 2.42E-4 | 0.27 |
| Climate sceptics only | 4.48E- 4** | -0.01* | -0.06*** | -0.01T | -3.00E- 3* | 4.24E-3* | -0.01** | -1.78E-3 | -3.65E- 3** | -8.65E-3 | -1.66E-3* | 0.28 |
| Antivaxxers only | -3.70E- 4T | 2.90E-4 | -3.72E-3 | -0.01T | 5.70E-4 | -3.60E-3 | -0.01*** | 0.01* | 4.93E- 3** | -8.72E-4 | 2.90E-3* | 0.11 |
| Brazil (n=1825) | | • | | • | | | • | | | | | • |
| Climate sceptics & antivaxxers | 2.14E-5 | -3.61E- 3T | Х | -4.70E-3 | 1.33E-4 | 1.53E-3T | -1.70E-3* | -2.64E-4 | -2.37E-4 | -9.44E-4* | -3.34E-4 | 0.33 |
| Climate sceptics only | 3.96E-4T | -0.01* | -0.03*** | -0.01 | -1.12E-3 | 3.17E-4 | -3.17E-3T | 9.01E-4 | 1.04E-4 | -1.21E-3 | -1.77E-3T | 0.08 |
| Antivaxxers only | 3.86E-4T | -0.01 | -6.90E-4 | -0.01 | 9.82E-4 | 4.31E-3 | -0.01*** | 4.35E-3 | -1.65E-3 | 1.19E-3 | 1.24E-3 | 0.07 |
| China (n=1543) Climate sceptics & antivaxxers | 7.95E-5 | X | X | -1.23E-3 | -2.76E-4 | -5.16E-4 | -7.30E-5 | -1.36E-3 | 1.32W-4 | 1.04-e4 | 4.29E-4 | 0.20 |
| Climate sceptics only | 6.21E- 4** | 6.23E-4 | -0.01T | -4.12E-3 | -0.01** | -4.12E-3 | -3.01E-3 | -6.96E-5 | 0-2.80E- 3 | -0.01** | -3.25E-4 | 0.20 |
| Antivaxxers only | 8.48E-5 | -3.16E-3 | -3.55E-5 | 1.83E-3 | 1.12E-3T | 4.77E-4 | -2.68E-4 | 8.82E-4 | 2.45E-6 | 2.80E-4 | -6.701E-5 | 0.10 |
| UK (n=1866) | | | | ·I | | | | l | I | | | 1 |
| Climate sceptics & antivaxxers | -3.75E-5 | 1.43E-3 | -1.18E-3 | -9.99E-4 | 3.50E-4 | 4.10E-4 | -9.89E-4T | 7.70E-4 | -1.27E-4 | -1.21E-4 | 7.42E-6 | 0.23 |
| Climate sceptics only | 7.57E-5 | -0.01* | -0.02*** | -0.01 | -1.13E-3 | 1.98E-3 | -0.01*** | 1.57E-3 | -2.13E- 3* | 1.76E-4 | -7.29E- | 0.23 |
| Antivaxxers only | -1.11E-4 | 4.30E-3 | 1.52E-3 | -0.01 | -2.67E- 3T | -7.09E-4 | -0.01** | 4.20E-3 | 2.96E-3T | -5.90E-4 | 1.17E-3 | 0.07 |
| India (n=1880) | | 1 | | 1 | I | | ·I | ı | 1 | 1 | | |
| Climate sceptics & antivaxxers | -2.68E-6 | -1.19E-4 | 6.48E-4 | Х | -5.17E-5 | -1.31E-4 | -6.71E-5 | -1.39E-5 | 3.84E-5 | 1.17E-5 | 1.23E-5 | 0.35 |
| Climate sceptics only | -4.48E-5 | -0.01* | -0.01T | -0.02* | -1.00E-3 | -0.01T | -4.66E-3* | -7.43E-4 | -1.84E-3 | 9.00E-4 | 5.32E-4 | 0.08 |
| Antivaxxers only | 1.06E-4 | -0.01 | -0.01 | -0.01 | 0.01* | -3.56E-3 | -4,00E-4 | 0.01*** | 4,21E-4 | 1.83E-3 | 2.33E-3* | 0.05 |
| Japan (n=1665) | | · | | | | <u></u> | | - | | | | |

| Climate sceptics & antivaxxers | 1.82E-6 | -2.14E-3 | -3.83E4 | -1.20E-4 | -3.56E-4 | 4.45E-5 | -1.39E-2* | -4.26E-4 | 2.53E-4 | 3.02E-4 | 2.87E-4 | 0.27 |
|--------------------------------|-----------------|----------|----------|----------|---------------|----------|-----------------|----------|----------|----------|----------|------|
| Climate sceptics only | -4.20E-5 | -0.03** | -0.03*** | -0.01 | -0.01** | 0.01** | -3.76E-3 | -4.91E-3 | 1.72E-3 | -1.45E-3 | -9.51E-4 | 0.08 |
| Antivaxxers only | -4.01E- 4** | 4.22E-3 | -0.01T | -1.54E-3 | -2.46E- 3* | 2.52E-3 | -0.01*** | -2.35E-5 | 9.28E-4 | -4.41E-4 | 1.99E-3* | 0.12 |
| South Africa (n=1899) | | | | | | | | | | | | |
| Climate sceptics & antivaxxers | 3.10E- 4** | -0.01 | Х | -0.01T | -8.80E-4 | 9.19E-4 | -4.82E- 3*** | -1.38E-3 | -1.94E-4 | -8.34E-4 | 7.62E-4 | 0.16 |
| Climate sceptics only | 1.27E-4 | -2.72E-3 | -0.01 | -0.01 | -2.80E-3 | -5.55E-4 | -3.93E-3* | -6.93E-4 | 3.97E-4 | 1.12E-3 | -1.10E-3 | 0.05 |
| Antivaxxers only | 4.93E-4 | 0.04* | -0.01 | -3.01E-3 | -1.19E-4 | 3.12E-3 | -0.03*** | 0.04*** | 2.21E-3 | -6.70E-4 | 0.01* | 0.06 |
| US (n=1823) | | | | | | | | | | | | |
| Climate sceptics & antivaxxers | -3.54E-5 | -5.67E-4 | Χ | -0.04*** | -1.63E-3 | 3.14E-3 | -0.01*** | -3.90E-4 | 1.17E-3 | -0.01*** | 1.67E-4 | 0.31 |
| Climate sceptics only | 7.74E- 4*** | -0.02** | -0.06*** | -0.02** | -0.01** | 3.81E-3 | -0.01*** | 1.82E-3 | -0.01** | 8.91E-4 | -1.61E-3 | 0.29 |
| Antivaxxers only | -8.76E- 4*** | 0.02** | -0.01 | -0.01 | -1.16E-3 | -1.82E-3 | -0.01*** | 0.01T | 3.32E-3T | -2.44E-3 | -2.00E-3 | 0.10 |

Table S18: Probability of being a double sceptic, climate sceptic or antivaxxer across countries.

Note: The dependent variable is binary, taking the value of 1 if an individual response is categorized as the defined sceptic attitude towards climate change and COVID-19 and 0 otherwise. For each country, Row 1 estimates the probability of an individual being both climate sceptic and antivaxxer, Row 2 climate sceptic but not antivaxxer and Row 3 antivaxxer but not climate sceptic. Country regressions include (unreported) education variables that denote the core distinctions between levels of educational attainment in each country as specified in Supplementary Tables 3-10. *P<0.05, **P<0.01 and ***P<0.001.

| Country | Age | Female | Prioritise env. | Prioritise health | Know index | Self-decl. energy | Trust | Perceived income | Climate resp. | Covid resp. | Prec. | Adj. R2 |
|-------------------------------|----------------|----------|-----------------|----------------------|----------------|----------------------|----------------|------------------|----------------|----------------|---------------|--|
| | | | City. | licaitii | macx | know. | | sufficiency | resp. | resp. | | 112 |
| Australia (n=1827) | • | | · · | . | | П | - | <u>'</u> | 1 | • | | <u>, </u> |
| Econ. Over climate & COVID-19 | -7.77E- 5 | -1.45E-3 | -4.79E-3T | -0.01* | -8.11E-4 | 2.47E-3* | -1.67E-3* | -5.83E-4 | -1.05E- 3* | -6.70E-4 | -6.67E- | 0.23 |
| Econ. over climate only | 8.46E- 4*** | -0.01 | -0.05*** | -0.01 | -4.39E- 3** | 0.01T | -0.01** | -1.30E-3 | -3.63E- 3* | 3.16E-3* | 3.91E-5 | 0.18 |
| Econ. Over COVID-19 only | -1.10E- 4 | -1.00E-3 | 1.89E-3 | -0.01T | -1,51E-3 | 4.16E-3** | -1.39E-3 | 1.33E-3 | -1.92E-3 | -1.13E-3T | 9.29E-4 | 0.14 |
| Brazil (n=1825) | | | | | | | | • | | | | |
| Econ. Over climate & COVID-19 | -2.95E- 5 | -2.74E-3 | -0.03*** | -0.01T | -1.12E3 | 3.80E-3* | -3.36E- 3** | 7.59E-4 | -2.18E- 3* | -1.41E-3T | 2.70E- 3** | 0.16 |
| Econ. over climate only | 2.07E-4 | -0.01 | -2.37E-3 | -7.11E-6 | -0.01** | 0.01 | -0.01* | 0.01 | -1.53E-3 | 2.26E-3 | 0.01*** | 0.07 |
| Econ. Over COVID-19 only | 2.13E-4 | 1.16E-3 | -0.01 | -1.62E-3 | -1.58E-3 | 3.76E-3 | -2.18E-3 | -2.00E-3 | -1.26E-3 | -0.01*** | -2.32E- 4 | 0.11 |
| China (n=1571) | | | | | | | | • | | | | |
| Econ. Over climate & COVID-19 | 2.65E-6 | -3.22E-4 | -1.93E-4 | -1.67E-4 | -2.09E-4 | 1.32E-4 | 8.36E-5 | -1.11E-4 | -1.50E-4 | 1.31E-6 | 8.54E-5 | 0.45 |
| Econ. over climate only | -2.09E- 5 | 3.27E-3 | -0.01* | -1.57E-3 | -1.07E-3 | 3.45E-3 | -4.44E-4 | 0.01* | 1.44E-3 | 1.02E-3 | 2.56E- 3** | 0.09 |
| Econ. Over COVID-19 only | 1.11E- 4T | -6.90E-4 | -1.00E-3 | -7.27E-5 | -7.40E-4 | 4.56E-4 | -8.72E-4 | 2.60E-3* | 2.79E-4 | -2.35E-5 | 1.57E- 3** | 0.19 |
| UK (n=1866) | | | | | | | | • | | | | |
| Econ. Over climate & COVID-19 | -6.48E- 5 | -3.78E-3 | -4.93E-3 | -3.37E-3 | -4.06E-4 | 2.01E-3T | -2.34E- 3** | -4.54E-6 | -7.03E-4 | -1.46E-4 | -5.33E- 6 | 0.21 |
| Econ. over climate only | 5.71E- 4** | -4.93E-3 | -0.04*** | -0.01 | -3.10E-3* | -4.45E-3 | -2.68E-3T | 1.23E-4 | -1.24E-4 | -3.53E-4 | 2.90E- 3** | 0.15 |
| Econ. Over COVID-19 only | -8.61E- 5 | 1.07E-3 | 1.44E-3 | -0.01** | 2.69E-4 | 1.19E-5 | -1.45E-3* | 2.66E-4 | 3.78E-4 | -6.98E-4T | 1.73E-5 | 0.23 |
| India (n=1880) | • | • | • | • | • | • | • | • | • | • | • | |
| Econ. Over climate & COVID-19 | 1.91E-4 | 3.95E-3 | -0.01 | -0.01T | -3.70E-3* | 0.01*** | 1.11E-3 | 1.58E-3 | -2.61E- 3** | -2.80E- 3** | 0.01*** | 0.31 |

| Econ. over climate only | -1.46E- | 0.02T | -0.02T | 0.01 | -0.01** | -7.29E-6 | 0.01T | 0.01** | 1.22E-3 | -4.15E-4 | 0.01*** | 0.06 |
|-------------------------------|----------------|----------|----------|----------|-----------|----------|-----------|----------|----------|----------------|----------------|------|
| Econ. Over COVID-19 only | -1.62E- | -0.01 | 0.01 | -0.01 | -1.57E-3 | 1.24E-3 | -1.11E-3 | 2.65E-4 | -1.79E-3 | -8.02E-4 | 4.40E- 3*** | 0.05 |
| Japan (n=1773) | 1 | | 1 | I | -1 | II. | 1 | | - I | 1 | 1 | |
| Econ. Over climate & COVID-19 | -5.24E- 5 | -1.90E-3 | 13.90E-3 | 2.33E-3 | -1.08E-3* | 2.70E-3* | -1.98E-3* | -4.10E-5 | 1.10E-4 | 2.56E-4 | 5.24E-4 | 0.21 |
| Econ. over climate only | -2.97E- 5 | -0.01** | -0.02* | -0.01 | -1.92E-3T | 4.22E-3* | 6.79E-4 | 1.75E-4 | 1.97E-3T | 1.50E-3T | 2.22E- 3** | 0.15 |
| Econ. Over COVID-19 only | -1.12E- 4T | 1.34E-3 | -1.00E-3 | 2.90E-3 | -1.77E-4 | -9.13E-6 | -9.01E-4 | 9.19E-4T | -6.03E-4 | -2.35E-4 | 7.86E- 4T | 0.17 |
| South Africa (n=1871) | 1 | | 1 | I | -1 | II. | 1 | | - I | 1 | 1 | |
| Econ. Over climate & COVID-19 | 4.01E- 4T | 3.37E-3 | -0.01 | -4.60E-3 | -1.48E-3 | -1.48E-3 | -0.01*** | -1.72E-3 | 5.52E-3 | -3.04E- 3** | 0.01*** | 0.10 |
| Econ. over climate only | -4.56E- | 0.01 | -3.20E-3 | -0.01 | -0.02*** | 0.01** | 4.72E-4 | 0.02** | 0.01*** | -2.40E-3 | 4.88E- 3** | 0.07 |
| Econ. Over COVID-19 only | 6.61E- 4* | 0.01 | -0.01 | -0.03** | 0.01** | 2.04E-3 | -0.01* | 0.01* | -1.40E-3 | -3.80E- 3* | 2.03E-3 | 0.05 |
| US (n=1862) | 1 | | 1 | I | -1 | II. | 1 | | - I | 1 | 1 | |
| Econ. Over climate & COVID-19 | -1.66E- 5 | -0.01 | Х | -0.02** | -5.91E-4 | 4.88E-3T | -0.01*** | -2.04E-3 | 2.689E-5 | -0.01*** | 2.07E- 3* | 0.38 |
| Econ. over climate only | 7.78E- 4*** | -4.01E-5 | -0.05*** | -0.02** | -0.01** | 0.02*** | -3.91E-3T | 2.62E-3 | -0.01*** | 3.10E-3* | -7.99E- 4 | 0.15 |
| Econ. Over COVID-19 only | -3.26E- 4* | -2.15E-3 | -3.48E-3 | -0.01* | -0.02*** | 5.69E-4 | 3.43E-3 | -1.89E-3 | 8.30E-4 | 1.46E-3 | -2.22E- 3* | 0.13 |

Table S19: Probability of giving complete priority to the economy over climate protection or protecting the public against COVID-19 or both.

Note: The dependent variable is binary, taking the value of 1 if an individual response is categorized as the defined sceptic attitude towards climate change and COVID-19 and 0 otherwise. For each country, Row 1 shows the probability of an individual giving complete priority to the economy over combatting climate change and the pandemic, Row 2 the probability of giving complete priority to the economy over climate protection but not combatting COVID-19 and Row 3 the probability of giving complete priority to the economy over combatting COVID-19 but not climate protection. Country regressions include (unreported) education variables that denote the core distinctions between levels of educational attainment in each country as specified in Supplementary Tables 3-10. *P<0.05, **P<0.01 and ***P<0.001.

Supplementary Tables S20-S21: Knowledge and trust in scientists estimates under different indices of energy knowledge

| Parameter | Climate sceptic ar | nd antivaxxer | Climate sceptic only | | Antivaxxer only | | |
|---------------------|--------------------|---------------|----------------------|----------|-----------------|----------|--|
| | 1 | 2 | 1 | 2 | 1 | 2 | |
| Knowledge | -0.04 | -0.01 | -0.18*** | -0.15*** | -0.02* | 0.02 | |
| Trust in scientists | -0.56*** | -0.57*** | -0.32** | -0.32*** | -0.25*** | -0.26*** | |
| R2 | 0.27 | 0.27 | 0.16 | 0.16 | 0.14 | 0.14 | |

Table S20: Probability of being double sceptic, climate sceptic or antivaxxer using different energy knowledge proxies. Model 1 assigns one point for each confident correct knowledge response as described in the Methods and Model 2 assigns 1 point for confident correct, 0.5 point for unconfident incorrect, -1 point for confident incorrect and 0 points for 'don't know' responses (confident knowledge index scores range from -8 to 8).

| Parameter | Prioritise economy over both | | Prioritise economy o | ver climate only | Prioritise economy over COVID-19 only | | |
|---------------------|------------------------------|----------|----------------------|------------------|---------------------------------------|----------|--|
| | climate and COVI | D-19 | | | | | |
| | 1 | 2 | 1 | 2 | 1 | 2 | |
| Knowledge | -0.14*** | -0.12*** | -0.22*** | -0.18*** | 0.05 | 0.02 | |
| Trust in scientists | -0.21*** | -0.21*** | -0.11*** | -0.10*** | -0.15*** | -0.15*** | |
| R2 | 0.23 | 0.23 | 0.08 | 0.09 | 0.10 | 0.10 | |

Table S21: Probability of prioritising the economy over climate change and COVID-19, only climate change and only COVID-19 using different energy knowledge proxies. Model 1 assigns one point for each confident correct knowledge response as described in the Methods and Model 2 assigns 1 point for confident correct, 0.5 point for unconfident correct, -0.5 point for unconfident incorrect, -1 point for confident incorrect and 0 points for 'don't know' responses (confident knowledge index scores range from -8 to 8).