**Codebook for Unpacking the Role of In-Group Bias in US Public Opinion on Human Rights Violations**

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Data source: YouGov human rights survey, 3200 online interviews, fielded June 14, 2021 - June 28, 2021

Dataset name: cordell_ingroupbiashumanrights.csv

Dataset description: 32,000 observations representing 3,200 respondents, with each participant assessing 2 conjoint human rights violation profiles per task and repeating this task 5 times.

Data source citation: Cordell, Rebecca. 2025. Data from: Unpacking the Role of In-Group Bias in US Public Opinion on Human Rights Violations. American Journal of Political Science Dataverse. https://doi.org/10.7910/DVN/TGAL7M

Variable names and descriptions (32000 observations, 68 variables):

- id: Respondent ID.

| Min. | 1st Qu. | Median | Mean | 3rd Qu. | Max. |
|---|---|---|---|---|---|
| 1.0 | 800.8 | 1600.5 | 1600.5 | 2400.2 | 3200.0 |

- outcome1: Disapproval forced-choice outcome. Dependent variable (dummy) coded as 1 if the respondent selected the incident as most opposed, and 0 otherwise.

| Min. | 1st Qu. | Median | Mean | 3rd Qu. | Max. |
|---|---|---|---|---|---|

| | | | | | |
|---|---|---|---|---|---|
| 0.0 | 0.0 | 0.5 | 0.5 | 1.0 | 1.0 |

- outcome2: Disapproval ratings-based outcome. Dependent variable rescaled from 0 (strongly approve) to 1 (strongly disapprove).

| Min. | 1st Qu. | Median | Mean | 3rd Qu. | Max. |
|---|---|---|---|---|---|
| 0.0000 | 0.5000 | 0.8333 | 0.7118 | 1.0000 | 1.0000 |

- perp: Perpetrator (partisanship) conjoint attribute.

| A Democrat governor | A Republican governor | The Democrat president | The Republican president |
|---|---|---|---|
| 7921 | 8114 | 8142 | 7823 |

- targ_race: Target (race/ethnicity) conjoint attribute.

| asian | black | hispanic | middle eastern | white |
|---|---|---|---|---|
| 6399 | 6268 | 6542 | 6279 | 6512 |

- targ_relig: Target (religion) conjoint attribute.

| buddhist | christian | hindu | jewish | muslim |
|---|---|---|---|---|
| 3684 | 15499 | 1583 | 4277 | 6957 |

- targ_citiz: Target (citizenship) conjoint attribute.

| American citizens | immigrants with legal status | immigrants without legal status | naturalized American citizens |
|---|---|---|---|
| 8614 | 8518 | 6400 | 8468 |

- elite: Elite cue conjoint attribute.

| A Democrat member of Congress | A Republican member of Congress | Amnesty International, an international nonprofit organization, | The American Civil Liberties Union, an American nonprofit organization, |
|---|---|---|---|
| 8111 | 7936 | 7939 | 8014 |

- agent: Perpetrator (agent) conjoint attribute.

| a civilian militia group | a private militia group | the military | the national guard | the police |
|---|---|---|---|---|
| 8005 | 8072 | 3977 | 8055 | 3891 |

- targ_nonstate: Target (non-state actor) conjoint attribute.

| civilians | criminals | journalists | protesters | suspected terrorists |
|---|---|---|---|---|
| 6285 | 6393 | 6365 | 6480 | 6477 |

- type: Violation type conjoint attribute.

| arbitrary arrest | disappearance | extrajudicial killing | torture |
|---|---|---|---|
| 7984 | 7987 | 8072 | 7957 |

- scope: Violation scope conjoint attribute.

| six | twelve | twenty | two |
|---|---|---|---|
| 7918 | 8068 | 8002 | 8012 |

- frame: Framing conjoint attribute.

| none | personal | violent |
|---|---|---|
| 13432 | 13192 | 5376 |

- perp_match: Perpetrator (partisanship) group identity variable. Democrat and Republican respondents are coded as "in" if the perpetrator's party identity matches their own, and "out" if it does not. Independent, Not sure, and Other respondents are coded as NA.

| perp_in | perp_out | NA |
|---|---|---|
| 9689 | 9671 | 12640 |

- targ_race_match: Target (race/ethnicity) group identity variable. White, Black, Hispanic, Asian, and Middle Eastern respondents are coded as "in" if the target's racial identity matches their own, and "out" if it does not. Native American and Don't know respondents are coded as NA.

| race_in | race_out | NA |
|---|---|---|
| 6741 | 24539 | 720 |

- targ_relig_match: Target (religion) group identity variable. Christian (Protestant, Roman Catholic, Eastern or Greek Orthodox), Jewish, Hindu, Muslim, and Buddhist respondents are coded as "in" if the target's religious identity matches their own, and "out" if it does not. Agnostic, Atheist, Nothing in particular, and Something else respondents are coded as NA.

| relig_in | relig_out | NA |
|---|---|---|
| 7450 | 9260 | 15290 |

- targ_citiz_match: Target (citizenship) group identity variable. First generation, Second generation, and Third generation respondents are coded as "in" if the target is an American citizen; Immigrant citizen respondents are coded as "in" if the target is a Naturalized American citizen; and Immigrant non-citizen respondents are coded as "in" if the target is an immigrant (either type), and "out" otherwise.

| citiz_in | citiz_out |
|---|---|
| 8864 | 23136 |

- elite_match: Elite cue (partisanship) group identity variable. Democrat and Republican respondents are coded as "in" if the elite cue giver's party identity matches their own, and "out" if it does not. Independent, Not sure, and Other respondents, as well as Democrat and Republican respondents who saw an elite cue from a human rights organization (HRO) instead are coded as NA.

| elite_in | elite_out | NA |
|---|---|---|
| 4896 | 4858 | 22246 |

- resp_dem: Democrat party affiliation dummy variable. Respondents are coded 1 if they identify as a Democrat, and 0 otherwise.

| 1 | 0 |
|---|---|
| 12280 | 19720 |

- resp_rep: Republican party affiliation dummy variable. Respondents are coded 1 if they identify as a Republican, and 0 otherwise.

| 1 | 0 |
|---|---|
| 7080 | 24920 |

- perp_targ_race: Interaction between the perp_match and targ_race_match group identity variables.

| perp_in_race_in | perp_in_race_out | perp_out_race_in | perp_out_race_out | NA |
|---|---|---|---|---|
| 1971 | 7610 | 2076 | 7483 | 12860 |

- perp_targ_relig: Interaction between the perp_match and targ_relig_match group identity variables.

| perp_in_relig_in | perp_in_relig_out | perp_out_relig_in | perp_out_relig_out | NA |
|---|---|---|---|---|
| 2529 | 3095 | 2483 | 3083 | 20810 |

- perp_targ_citiz: Interaction between the perp_match and targ_citiz_match group identity variables.

| perp_in_citiz_in | perp_in_citiz_out | perp_out_citiz_in | perp_out_citiz_out | NA |
|---|---|---|---|---|
| 2616 | 7073 | 2704 | 6967 | 12640 |

- perp_elite: Interaction between the perp_match and elite_match group identity variables.

| perp_in_elite_in | perp_in_elite_out | perp_out_elite_in | perp_out_elite_out | NA |
|---|---|---|---|---|
| 2495 | 2418 | 2401 | 2440 | 22246 |

- shared_ident: Count of the number of identities shared between the respondent, target (race/ethnicity, religion, or citizenship), and elite cue giver based on the targ_race_match, targ_relig_match, targ_citiz_match, and elite_match group identity variables.

| 0 | 1 | 2 | 3 | 4 | NA |
|---|---|---|---|---|---|
| 3461 | 5962 | 3419 | 892 | 70 | 18196 |

- outcome3: Alternative dependent variable rescaled from 0 (strongly unwilling to participate in a human rights campaign) to 1 (strongly willing to participate in a human rights campaign).

| Min. | 1st Qu. | Median | Mean | 3rd Qu. | Max. |
|---|---|---|---|---|---|
| 0.0000 | 0.3333 | 0.5000 | 0.5459 | 0.8333 | 1.0000 |

- outcome4: Alternative dependent variable (dummy) coded as 1 if the respondent clicked to sign the human rights petition, and 0 otherwise.

| Min. | 1st Qu. | Median | Mean | 3rd Qu. | Max. |
|---|---|---|---|---|---|
| 0.0000 | 0.0000 | 0.0000 | 0.4366 | 1.0000 | 1.0000 |

- choice: The round of the conjoint survey experiment that each profile was presented to respondents.

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| 6400 | 6400 | 6400 | 6400 | 6400 |

- incid: The order that each profile was presented to respondents during each round of the survey experiment (incid_a = left, incid_b = right).

| incid_a | incid_b |
|---|---|
| 16000 | 16000 |

- perp_order: The row that the Perpetrator (partisanship) conjoint attribute was presented to respondents during each round of the survey experiment.

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| 6470 | 6340 | 6550 | 5900 | 6740 |

- targ_order: The row that the Target (race/ethnicity, religion, and citizenship) conjoint attributes were presented to respondents during each round of the survey experiment.

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| 6390 | 6220 | 6300 | 6540 | 6550 |

- elite_order: The row that the Elite (partisanship) conjoint attribute was presented to respondents during each round of the survey experiment.

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| 6410 | 6140 | 6190 | 6980 | 6280 |

- targ_race_perp: Interaction between the targ_race_match and the perp_match group identity variables.

| race_in_perp_in | race_in_perp_out | race_out_perp_in | race_out_perp_out | NA |
|---|---|---|---|---|
| 1971 | 2076 | 7610 | 7483 | 12860 |

- targ_race_relig: Interaction between the targ_race_match and the targ_relig_match group identity variables.

| race_in_relig_in | race_in_relig_out | race_out_relig_in | race_out_relig_out | NA |
|---|---|---|---|---|
| 1568 | 1934 | 5784 | 7154 | 15560 |

- targ_race_citiz: Interaction between the targ_race_match and the targ_citiz_match group identity variables.

| race_in_citiz_in | race_in_citiz_out | race_out_citiz_in | race_out_citiz_out | NA |
|---|---|---|---|---|
| 1890 | 4851 | 6807 | 17732 | 720 |

- targ_race_elite: Interaction between the targ_race_match and the elite_match group identity variables.

| race_in_elite_in | race_in_elite_out | race_out_elite_in | race_out_elite_out | NA |
|---|---|---|---|---|
| 1081 | 1013 | 3773 | 3783 | 22350 |

- targ_relig_perp: Interaction between the targ_relig_match and the perp_match group identity variables.

| relig_in_perp_in | relig_in_perp_out | relig_out_perp_in | relig_out_perp_out | NA |
|---|---|---|---|---|
| 2529 | 2483 | 3095 | 3083 | 20810 |

- targ_relig_race: Interaction between the targ_relig_match and the targ_race_match group identity variables.

| relig_in_race_in | relig_in_race_out | relig_out_race_in | relig_out_race_out | NA |
|---|---|---|---|---|
| 1568 | 5784 | 1934 | 7154 | 15560 |

- targ_relig_citiz: Interaction between the targ_relig_match and the targ_citiz_match group identity variables.

| relig_in_citiz_in | relig_in_citiz_out | relig_out_citiz_in | relig_out_citiz_out | NA |
|---|---|---|---|---|
| 2072 | 5378 | 2588 | 6672 | 15290 |

- targ_relig_elite: Interaction between the targ_relig_match and the elite_match group identity variables.

| relig_in_elite_in | relig_in_elite_out | relig_out_elite_in | relig_out_elite_out | NA |
|---|---|---|---|---|
| 1225 | 1284 | 1609 | 1565 | 26317 |

- targ_citiz_perp: Interaction between the targ_citiz_match and the perp_match group identity variables.

| citiz_in_perp_in | citiz_in_perp_out | citiz_out_perp_in | citiz_out_perp_out | NA |
|---|---|---|---|---|
| 2616 | 2704 | 7073 | 6967 | 12640 |

- targ_citiz_race: Interaction between the targ_citiz_match and the targ_race_match group identity variables.

| citiz_in_race_in | citiz_in_race_out | citiz_out_race_in | citiz_out_race_out | NA |
|---|---|---|---|---|
| 1890 | 6807 | 4851 | 17732 | 720 |

- targ_citiz_relig: Interaction between the targ_citiz_match and the targ_relig_match group identity variables.

| citiz_in_relig_in | citiz_in_relig_out | citiz_out_relig_in | citiz_out_relig_out | NA |
|---|---|---|---|---|
| 2072 | 2588 | 5378 | 6672 | 15290 |

- targ_citiz_elite: Interaction between the targ_citiz_match and the elite_match group identity variables.

| citiz_in_elite_in | citiz_in_elite_out | citiz_out_elite_in | citiz_out_elite_out | NA |
|---|---|---|---|---|
| 1339 | 1254 | 3557 | 3604 | 22246 |

- elite_perp: Interaction between the elite_match and the perp_match group identity variables.

| elite_in_perp_in | elite_in_perp_out | elite_out_perp_in | elite_out_perp_out | NA |
|---|---|---|---|---|
| 2495 | 2401 | 2418 | 2440 | 22246 |

- elite_targ_race: Interaction between the elite_match and the targ_race_match group identity variables.

| elite_in_race_in | elite_in_race_out | elite_out_race_in | elite_out_race_out | NA |
|---|---|---|---|---|
| 1081 | 3773 | 1013 | 3783 | 22350 |

- elite_targ_relig: Interaction between the elite_match and the targ_relig_match group identity variables.

| elite_in_relig_in | elite_in_relig_out | elite_out_relig_in | elite_out_relig_out | NA |
|---|---|---|---|---|
| 1225 | 1609 | 1284 | 1565 | 26317 |

- elite_targ_citiz: Interaction between the elite_match and the targ_citiz_match group identity variables.

| elite_in_citiz_in | elite_in_citiz_out | elite_out_citiz_in | elite_out_citiz_out | NA |
|---|---|---|---|---|
| 1339 | 3557 | 1254 | 3604 | 22246 |

- targ_any: Target (any) group identity variable. Respondents are coded as "in" if the target's racial/ethnic, religious, or citizenship identity matches their own, and "out" if it does not. The same respondents are coded NA as they are for the targ_race_match, targ_relig_match, and targ_citiz_match variables.

| targ_in | targ_out | NA |
|---|---|---|
| 11271 | 5169 | 15560 |

- targ_shared_ident: Count of the number of identities shared between the respondent and target (race/ethnicity, religion, or citizenship) based on the targ_race_match, targ_relig_match, and targ_citiz_match group identity variables.

| 0 | 1 | 2_3 | NA |
|---|---|---|---|
| 5169 | 7522 | 3749 | 15560 |

- resp_age: Respondents' age.

| Min. | 1st Qu. | Median | Mean | 3rd Qu. | Max. |
|---|---|---|---|---|---|
| 18.00 | 32.00 | 48.00 | 48.07 | 62.00 | 96.00 |

- resp_gender: Respondents' gender.

| Female | Male |
|---|---|
| 17600 | 14400 |

- resp_white: Dummy variable coded as 1 if the respondent identified as white, and 0 otherwise.

| 0 | 1 |
|---|---|
| 9240 | 22760 |

- resp_black: Dummy variable coded as 1 if the respondent identified as black, and 0 otherwise.

| 0 | 1 |
|---|---|
| 27980 | 4020 |

- resp_hispanic: Dummy variable coded as 1 if the respondent identified as hispanic, and 0 otherwise.

| 0 | 1 |
|---|---|
| 26730 | 5270 |

- resp_asian: Dummy variable coded as 1 if the respondent identified as asian, and 0 otherwise.

| 0 | 1 |
|---|---|
| 30710 | 1290 |

- resp_native: Dummy variable coded as 1 if the respondent identified as native american, and 0 otherwise.

| 0 | 1 |
|---|---|
| 31050 | 950 |

- resp_middle_east: Dummy variable coded as 1 if the respondent identified as middle eastern, and 0 otherwise.

| 0 | 1 |
|---|---|
| 31750 | 250 |

- resp_relig: Respondents' religion.

| Atheist/Agnostic | Buddhist | Christian | Hindu | Jewish | Muslim | Nothing in particular | Something else |
|---|---|---|---|---|---|---|---|
| 4960 | 320 | 15060 | 130 | 870 | 330 | 7530 | 2800 |

- resp_citiz: Respondents' citizenship/immigration status.

| First generation | Immigrant Citizen | Immigrant non-citizen | Second generation | Third generation |
|---|---|---|---|---|
| 3970 | 2340 | 950 | 6380 | 18360 |

- resp_educ: Respondents' education level.

| College | High school graduate | No HS | Post-grad |
|---|---|---|---|
| 16670 | 10320 | 1270 | 3740 |

- resp_income: Respondents' family income level.

| $10,000 - $19,999 | $100,000 or more | $20,000-$49,999 | $50,000-$99,999 | Prefer not to say |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| 5450 | 5140 | 8800 | 8660 | 3950 |

- resp_ideo: Respondents' political ideology.

| Conservative | Liberal | Moderate | Not sure | Very conservative | Very liberal |
|---|---|---|---|---|---|
| 5250 | 5470 | 9960 | 2750 | 3520 | 5050 |

- resp_party3: Respondents' 3 point party id.

| Democrat | Independent | Not sure | Other | Republican |
|---|---|---|---|---|
| 12280 | 9130 | 2060 | 1450 | 7080 |

- resp_party7: Respondents' 7 point party id.

| Don't know | Independent | Lean Democrat | Lean Republican | Not sure | Not very strong Democrat | Not very strong Republican | Strong Democrat | Strong Republican |
|---|---|---|---|---|---|---|---|---|
| 10 | 5710 | 3080 | 2580 | 1270 | 3510 | 2480 | 8770 | 4590 |

- resp_hrinterest: Respondents' interest in human rights.

| Disinterested | Interested |
|---|---|
| 6570 | 25430 |

- resp_attent: Respondents' attention level in the survey experiment based on an Item Response Theory (IRT) Model that aggregates their pass rate for three attention check questions.

| Higher | Lower |
|---|---|
| 20590 | 11410 |

- resp_time: Respondents survey completion times (short = less than 5 minutes, long = more than 25 minutes, and medium = between 5 and 25 minutes).

| Long/Short | Medium |
|---|---|
| 16010 | 15990 |