

# Pre-analysis plan

Jae Yeon Kim, Joan Cho, Taeku Lee, DG Kim

2023-08-04

## Contents

|          |                                 |          |
|----------|---------------------------------|----------|
| <b>1</b> | <b>Pilot survey backgrounds</b> | <b>1</b> |
| <b>2</b> | <b>Summary statistics</b>       | <b>1</b> |
| <b>3</b> | <b>Regression analysis</b>      | <b>2</b> |
| 3.1      | Variables . . . . .             | 2        |
| 3.2      | Main analysis . . . . .         | 3        |
| 3.3      | Subgroup analysis . . . . .     | 5        |

## 1 Pilot survey backgrounds

- [Qualtrics survey link](#)
- Survey firm: [Savanta](#) (founded in 2019)
- Sampling method: Quota sampling
- Survey target: This survey includes 1,000 Asian respondents in the United States, including those who were born in the US, as well as Chinese Americans and others.
- Actual sample size: 1,006
- Survey period: July 12-July 20, 2023 (8 days)

## 2 Summary statistics

Table 1 describes the demographic and political backgrounds of the survey respondents. With the exception of the age variable, all variables are dummy variables (1 = “yes”, 0 = “no”).

Table 1: Summary table

|                        | Unique (#) | Missing (%) | Mean  | SD    | Min   | Median | Max   |
|------------------------|------------|-------------|-------|-------|-------|--------|-------|
| Age                    | 61         | 0           | 35.96 | 13.10 | 18.00 | 34.00  | 80.00 |
| Female                 | 2          | 0           | 0.30  | 0.46  | 0.00  | 0.00   | 1.00  |
| US born                | 2          | 0           | 0.58  | 0.49  | 0.00  | 1.00   | 1.00  |
| GOP                    | 2          | 0           | 0.22  | 0.41  | 0.00  | 0.00   | 1.00  |
| DEM                    | 2          | 0           | 0.44  | 0.50  | 0.00  | 0.00   | 1.00  |
| Chinese                | 2          | 0           | 0.22  | 0.41  | 0.00  | 0.00   | 1.00  |
| Filipino               | 2          | 0           | 0.24  | 0.43  | 0.00  | 0.00   | 1.00  |
| Indian                 | 2          | 0           | 0.16  | 0.36  | 0.00  | 0.00   | 1.00  |
| Japanese               | 2          | 0           | 0.09  | 0.29  | 0.00  | 0.00   | 1.00  |
| Korean                 | 2          | 0           | 0.10  | 0.30  | 0.00  | 0.00   | 1.00  |
| Other national origins | 2          | 0           | 0.20  | 0.40  | 0.00  | 0.00   | 1.00  |

### 3 Regression analysis

#### 3.1 Variables

##### Outcome variables

- **Calling COVID-19 the Chinese virus is racist:** To what extent do you agree with the following statement?: “Calling COVID-19 the Chinese virus is racist.” (1-5 scale)
- **Racial linked fate:** To what extent do you agree or disagree with the following statement? “What happens for Asians in this country will have something to do with what happens in your life.” (1-5 scale)
- **Ethnic (or national origin) linked fate:** To what extent do you agree or disagree with the following statement? “What happens for [your ethnic] people in this country will have something to do with what happens in your life.” (1-5 scale)
- **Asian ID importance:** How important is being Asian or Asian American to your identity? (1-4 scale)
- **Asian common interests:** To what extent do you agree or disagree with the following statement?: “Different groups of Asian Americans share common interests and goals and should work together to achieve them.” (1-4 scale)

##### Independent variables

- **Violence increased against Asians during COVID:** Based on what you’ve read or heard, do you think violence against Asian Americans in the United States since the coronavirus outbreak has increased, decreased, or stayed the same? (1-3 scale)
- **Experienced racial discrimination during COVID:** Here are a few things that some people in the United States have experienced since the coronavirus outbreak. Please indicate whether any of the following has happened to you since the coronavirus outbreak because of your race or ethnicity. Select all that apply. (Originally five-choice questions. Rescaled as a dummy variable where 1 represents “experienced” and 0 represents “not experienced”).
- **Democracy importance:** How important is it for you to live in a country that is governed democratically? On this scale where 1 means it is “not at all important” and 10 means “absolutely important” what position would you choose? (1-10 scale)

- **Strong leader favorability:** Having a strong leader who does not have to bother with Congress and elections (1-4 scale)
- **Democratic political system favorability:** Having a democratic political system (1-4 scale)
- **Army rule favorability:** Having the army rule the country (1-4 scale)
- **China favorability:** Please indicate your feelings toward China. Ratings between 50 and 100 indicate a favorable and warm attitude, while ratings between 0 and 50 indicate an unfavorable attitude. If you have neutral feelings toward China, please rate it at 50. (1-100 scale)
- **China threatening:** How much threat do you think China poses to the United States? Please choose a number between 0 (no threat) and 100 (extreme threat). (1-100 scale)
- **China democratic:** Where would you place China today on this scale? Please choose a number between 0 (not at all democratic) and 100 (completely democratic). (1-100 scale)

### Confounders

- **Female:** “Female” = 1, “Non-female” = 0
- **Age:** A continuous variable
- **US born:** “Born in the U.S.” = 1, “Born outside the U.S.” = 0
- **Party ID dummies:** DEM, GOP
- **American ID importance:** How much does being an American have to do with how you feel about yourself? (1-4 scale)
- **National attachment:** If someone said something bad about American people, how strongly would you feel it is as if they said something bad about you? (1-4 scale)

### Confounders / Moderating variables

- **National origin group dummies:** Chinese, Filipino, Indian, Japanese, Korean, Others

## 3.2 Main analysis

In the following Tables 3, all regression coefficients are standardized. OLS models and robust standard errors are applied, and p-values are included inside the parentheses.

Table 2 presents the estimated associations between the “Chinese virus racist” variable and predictors, while Table 3 presents the estimated associations between all five outcome variables and predictors.

Table 2: Only the Chinese virus racist

|  | Model 1 | Model 2 | Model 3 | Model 4 | Model 5 | Model 6 |
|--|---------|---------|---------|---------|---------|---------|
| Violence increased against Asians during COVID | 0.20*** | 0.20*** | 0.18*** | 0.17*** | 0.16*** | 0.16*** |
|  | (<0.01) | (<0.01) | (<0.01) | (<0.01) | (<0.01) | (<0.01) |
| Experienced racial discrimination during COVID | 0.14*** | 0.13*** | 0.13*** | 0.13*** | 0.10**  | 0.09**  |
|  | (<0.01) | (<0.01) | (<0.01) | (<0.01) | (<0.01) | (<0.01) |
| Democracy importance                           | 0.14*** | 0.16*** | 0.10*   | 0.08+   | 0.10*   | 0.09*   |

|                                | Model 1  | Model 2             | Model 3            | Model 4            | Model 5            | Model 6            |
|--------------------------------|----------|---------------------|--------------------|--------------------|--------------------|--------------------|
|                                | (<0.01)  | (<0.01)             | (0.01)             | (0.06)             | (0.02)             | (0.02)             |
| American ID importance         |          |                     |                    |                    |                    | 0.02<br>(0.63)     |
| China favorability             |          | 0.12**<br>(<0.01)   | 0.13**<br>(<0.01)  | 0.13***<br>(<0.01) | 0.12**<br>(<0.01)  | 0.11**<br>(<0.01)  |
| China threatening              |          | -0.11***<br>(<0.01) | -0.10**<br>(<0.01) | -0.08*<br>(0.02)   | -0.06+<br>(0.07)   | -0.05<br>(0.12)    |
| China democratic               |          | -0.03<br>(0.42)     | -0.01<br>(0.85)    | -0.01<br>(0.73)    | -0.02<br>(0.54)    | -0.02<br>(0.68)    |
| Strong leader favorability     |          |                     | -0.04<br>(0.25)    | -0.03<br>(0.38)    | -0.03<br>(0.43)    | -0.03<br>(0.44)    |
| Democratic system favorability |          |                     | 0.10*<br>(0.01)    | 0.05<br>(0.25)     | 0.05<br>(0.19)     | 0.06<br>(0.16)     |
| Army rule favorability         |          |                     | -0.03<br>(0.35)    | -0.02<br>(0.58)    | -0.02<br>(0.67)    | -0.01<br>(0.83)    |
| DEM                            |          |                     |                    | 0.14***<br>(<0.01) | 0.13***<br>(<0.01) | 0.13***<br>(<0.01) |
| GOP                            |          |                     |                    | -0.10**<br>(<0.01) | -0.09*<br>(0.02)   | -0.08*<br>(0.03)   |
| Female                         |          |                     |                    |                    | -0.08*<br>(0.01)   | -0.08**<br>(<0.01) |
| Age                            |          |                     |                    |                    | -0.09*<br>(0.01)   | -0.09**<br>(<0.01) |
| US born                        |          |                     |                    |                    | 0.04<br>(0.13)     | 0.04<br>(0.18)     |
| National attachment            |          |                     |                    |                    |                    | 0.03<br>(0.49)     |
| Chinese                        |          |                     |                    |                    |                    | 0.07*<br>(0.01)    |
| Num.Obs.                       | 1006     | 1006                | 1006               | 1006               | 1006               | 1006               |
| R2                             | 0.098    | 0.126               | 0.135              | 0.171              | 0.187              | 0.193              |
| R2 Adj.                        | 0.095    | 0.120               | 0.127              | 0.162              | 0.176              | 0.179              |
| AIC                            | 2760.5   | 2734.7              | 2730.0             | 2691.5             | 2677.0             | 2676.4             |
| BIC                            | 2785.0   | 2774.0              | 2784.0             | 2755.4             | 2755.7             | 2769.7             |
| Log.Lik.                       | -        | -                   | -                  | -                  | -                  | -                  |
|                                | 1375.232 | 1359.364            | 1353.977           | 1332.771           | 1322.521           | 1319.187           |
| RMSE                           | 0.95     | 0.93                | 0.93               | 0.91               | 0.90               | 0.90               |
| Std.Errors                     | HC3      | HC3                 | HC3                | HC3                | HC3                | HC3                |

Table 3: All outcomes

|  | Chinese<br>virus racist | Racial<br>linked fate | Ethnic<br>linked fate | Asian ID<br>importance | Asian<br>common<br>interests |
|--|-------------------------|-----------------------|-----------------------|------------------------|------------------------------|
| Violence increased against<br>Asians during COVID    | 0.17***<br>(<0.01)      | 0.12***<br>(<0.01)    | 0.09**<br>(<0.01)     | 0.07*<br>(0.03)        | 0.10**<br>(<0.01)            |
| Experienced racial<br>discrimination during<br>COVID | 0.08**<br>(<0.01)       | 0.16***<br>(<0.01)    | 0.18***<br>(<0.01)    | 0.09*<br>(0.01)        | 0.11**<br>(<0.01)            |

|                        | Chinese<br>virus racist | Racial<br>linked fate  | Ethnic<br>linked fate  | Asian ID<br>importance  | Asian<br>common<br>interests |
|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------------|
| Democracy importance   | 0.12***<br>( $<0.01$ )  | 0.16***<br>( $<0.01$ ) | 0.12**<br>( $<0.01$ )  | 0.06+<br>(0.09)         | 0.09**<br>( $<0.01$ )        |
| American ID importance | 0.02<br>(0.56)          | 0.20***<br>( $<0.01$ ) | 0.17***<br>( $<0.01$ ) | 0.17***<br>( $<0.01$ )  | 0.14***<br>( $<0.01$ )       |
| China favorability     | 0.10**<br>( $<0.01$ )   | 0.05<br>(0.20)         | 0.00<br>(0.94)         | 0.02<br>(0.58)          | 0.00<br>(0.92)               |
| China threatening      | -0.06+<br>(0.08)        | -0.04<br>(0.30)        | 0.01<br>(0.83)         | -0.05<br>(0.18)         | 0.00<br>(0.99)               |
| China democratic       | -0.03<br>(0.49)         | 0.06<br>(0.11)         | 0.04<br>(0.33)         | 0.12***<br>( $<0.01$ )  | 0.04<br>(0.32)               |
| DEM                    | 0.14***<br>( $<0.01$ )  | 0.09**<br>( $<0.01$ )  | 0.09*<br>(0.01)        | 0.05<br>(0.15)          | 0.09*<br>(0.01)              |
| GOP                    | -0.09*<br>(0.01)        | -0.02<br>(0.67)        | 0.01<br>(0.87)         | -0.02<br>(0.62)         | -0.03<br>(0.50)              |
| Female                 | -0.08**<br>( $<0.01$ )  | -0.03<br>(0.25)        | -0.06*<br>(0.05)       | -0.13***<br>( $<0.01$ ) | 0.02<br>(0.61)               |
| Age                    | -0.09**<br>( $<0.01$ )  | -0.09*<br>(0.01)       | -0.08*<br>(0.01)       | -0.03<br>(0.39)         | -0.07+<br>(0.05)             |
| US born                | 0.04<br>(0.13)          | -0.01<br>(0.67)        | -0.02<br>(0.49)        | 0.01<br>(0.88)          | -0.05<br>(0.11)              |
| National attachment    | 0.03<br>(0.46)          | -0.01<br>(0.75)        | -0.02<br>(0.60)        | -0.03<br>(0.39)         | -0.09*<br>(0.02)             |
| Chinese                | 0.07*<br>(0.01)         | 0.08**<br>( $<0.01$ )  | 0.05+<br>(0.06)        | 0.01<br>(0.77)          | 0.05<br>(0.10)               |
| Num.Obs.               | 1006                    | 1006                   | 1006                   | 1006                    | 1006                         |
| R2                     | 0.190                   | 0.179                  | 0.138                  | 0.102                   | 0.107                        |
| R2 Adj.                | 0.179                   | 0.168                  | 0.126                  | 0.089                   | 0.095                        |
| AIC                    | 2673.6                  | 2687.1                 | 2736.0                 | 2777.9                  | 2771.8                       |
| BIC                    | 2752.3                  | 2765.7                 | 2814.6                 | 2856.5                  | 2850.4                       |
| Log.Lik.               | -1320.818               | -1327.552              | -1351.984              | -1372.957               | -1369.900                    |
| RMSE                   | 0.90                    | 0.91                   | 0.93                   | 0.95                    | 0.94                         |
| Std.Errors             | HC3                     | HC3                    | HC3                    | HC3                     | HC3                          |

### 3.3 Subgroup analysis

Table 4: Chinese virus racist

|  | Chinese               | Flipino               | Indian         | Japanese              | Korean          | Others                 |
|--|-----------------------|-----------------------|----------------|-----------------------|-----------------|------------------------|
| Violence increased against Asians during COVID | 0.25**<br>( $<0.01$ ) | 0.10+<br>(0.09)       | 0.12<br>(0.13) | 0.07<br>(0.56)        | 0.15<br>(0.11)  | 0.23**<br>( $<0.01$ )  |
| Experienced racial discrimination during COVID | 0.08<br>(0.26)        | 0.11+<br>(0.08)       | 0.13<br>(0.18) | 0.22<br>(0.14)        | 0.10<br>(0.37)  | -0.09<br>(0.17)        |
| Democracy importance                           | 0.21**<br>( $<0.01$ ) | 0.21**<br>( $<0.01$ ) | 0.04<br>(0.68) | 0.39**<br>( $<0.01$ ) | -0.01<br>(0.95) | 0.01<br>(0.94)         |
| American ID importance                         | 0.09<br>(0.19)        | 0.09<br>(0.19)        | 0.10<br>(0.26) | 0.16<br>(0.24)        | -0.11<br>(0.32) | -0.31**<br>( $<0.01$ ) |

|                     | Chinese          | Flipino         | Indian          | Japanese         | Korean                 | Others                  |
|---------------------|------------------|-----------------|-----------------|------------------|------------------------|-------------------------|
| China favorability  | -0.13<br>(0.14)  | 0.11<br>(0.11)  | 0.24+<br>(0.05) | 0.26<br>(0.16)   | 0.03<br>(0.85)         | 0.19*<br>(0.02)         |
| China threatening   | -0.15*<br>(0.05) | 0.05<br>(0.51)  | -0.11<br>(0.19) | -0.12<br>(0.27)  | -0.08<br>(0.49)        | -0.02<br>(0.78)         |
| China democratic    | 0.17*<br>(0.04)  | -0.04<br>(0.60) | -0.09<br>(0.44) | -0.16<br>(0.33)  | -0.13<br>(0.42)        | 0.03<br>(0.70)          |
| DEM                 | 0.14*<br>(0.03)  | 0.09<br>(0.18)  | 0.16<br>(0.11)  | 0.13<br>(0.32)   | 0.17<br>(0.13)         | 0.12+<br>(0.10)         |
| GOP                 | -0.15<br>(0.12)  | -0.11<br>(0.14) | -0.01<br>(0.94) | 0.04<br>(0.79)   | -0.33**<br>( $<0.01$ ) | -0.08<br>(0.38)         |
| Female              | -0.01<br>(0.94)  | -0.03<br>(0.65) | -0.12<br>(0.16) | -0.21+<br>(0.07) | 0.07<br>(0.52)         | -0.28***<br>( $<0.01$ ) |
| Age                 | -0.10<br>(0.23)  | -0.01<br>(0.93) | -0.15<br>(0.10) | -0.14<br>(0.31)  | -0.11<br>(0.39)        | 0.02<br>(0.78)          |
| US born             | -0.03<br>(0.66)  | 0.12+<br>(0.06) | 0.11<br>(0.18)  | -0.05<br>(0.70)  | -0.11<br>(0.32)        | -0.10<br>(0.13)         |
| National attachment | 0.10<br>(0.20)   | 0.19*<br>(0.03) | -0.05<br>(0.62) | 0.04<br>(0.75)   | -0.06<br>(0.69)        | -0.21*<br>(0.01)        |
| Num.Obs.            | 219              | 244             | 156             | 92               | 97                     | 198                     |
| R2                  | 0.248            | 0.217           | 0.250           | 0.344            | 0.270                  | 0.324                   |
| R2 Adj.             | 0.200            | 0.172           | 0.181           | 0.235            | 0.156                  | 0.277                   |
| AIC                 | 588.1            | 661.9           | 426.9           | 251.3            | 273.7                  | 513.2                   |
| BIC                 | 639.0            | 714.3           | 472.7           | 289.1            | 312.3                  | 562.6                   |
| Log.Lik.            | -279.068         | -315.945        | -198.456        | -110.628         | -121.844               | -241.619                |
| RMSE                | 0.87             | 0.88            | 0.86            | 0.81             | 0.85                   | 0.82                    |
| Std.Errors          | HC3              | HC3             | HC3             | HC3              | HC3                    | HC3                     |

Table 5: Racial linked fate

|  | Chinese                | Flipino               | Indian                | Japanese        | Korean                 | Others          |
|--|------------------------|-----------------------|-----------------------|-----------------|------------------------|-----------------|
| Violence increased against Asians during COVID | 0.20*<br>(0.01)        | 0.10<br>(0.18)        | 0.25**<br>( $<0.01$ ) | 0.08<br>(0.51)  | 0.06<br>(0.63)         | 0.09<br>(0.22)  |
| Experienced racial discrimination during COVID | 0.16*<br>(0.04)        | 0.13+<br>(0.08)       | 0.12<br>(0.20)        | 0.09<br>(0.61)  | 0.21*<br>(0.05)        | 0.17*<br>(0.02) |
| Democracy importance                           | 0.15<br>(0.11)         | 0.18**<br>( $<0.01$ ) | 0.20*<br>(0.04)       | 0.07<br>(0.67)  | 0.19<br>(0.12)         | 0.16*<br>(0.03) |
| American ID importance                         | 0.29***<br>( $<0.01$ ) | 0.22*<br>(0.01)       | 0.19*<br>(0.04)       | 0.13<br>(0.42)  | 0.11<br>(0.41)         | 0.18*<br>(0.05) |
| China favorability                             | 0.07<br>(0.36)         | 0.05<br>(0.56)        | 0.25*<br>(0.05)       | 0.19<br>(0.27)  | -0.34**<br>( $<0.01$ ) | 0.08<br>(0.29)  |
| China threatening                              | 0.00<br>(0.97)         | -0.03<br>(0.74)       | -0.10<br>(0.29)       | -0.07<br>(0.59) | -0.01<br>(0.96)        | -0.09<br>(0.17) |
| China democratic                               | 0.15+<br>(0.06)        | 0.12<br>(0.15)        | 0.01<br>(0.91)        | -0.15<br>(0.37) | 0.08<br>(0.56)         | 0.03<br>(0.66)  |
| DEM  | 0.16*<br>(0.02)        | 0.04<br>(0.53)        | -0.05<br>(0.68)       | 0.12<br>(0.46)  | 0.17<br>(0.20)         | 0.07<br>(0.36)  |
| GOP  | 0.01<br>(0.88)         | -0.05<br>(0.55)       | -0.01<br>(0.90)       | 0.04<br>(0.83)  | 0.02<br>(0.88)         | 0.06<br>(0.49)  |
| Female   | 0.07                   | 0.03                  | 0.08                  | 0.05            | -0.15                  | -0.29***        |

|                     | Chinese  | Flipino  | Indian   | Japanese | Korean   | Others   |
|---------------------|----------|----------|----------|----------|----------|----------|
|                     | (0.33)   | (0.66)   | (0.31)   | (0.72)   | (0.13)   | (<0.01)  |
| Age                 | -0.13+   | -0.02    | -0.12    | -0.02    | -0.23    | -0.05    |
|                     | (0.08)   | (0.76)   | (0.27)   | (0.87)   | (0.11)   | (0.52)   |
| US born             | 0.06     | -0.03    | -0.09    | -0.04    | -0.02    | -0.04    |
|                     | (0.34)   | (0.67)   | (0.29)   | (0.81)   | (0.85)   | (0.54)   |
| National attachment | 0.12     | 0.02     | 0.06     | -0.05    | -0.25*   | -0.09    |
|                     | (0.22)   | (0.78)   | (0.56)   | (0.78)   | (0.04)   | (0.27)   |
| Num.Obs.            | 219      | 244      | 156      | 92       | 97       | 198      |
| R2                  | 0.239    | 0.173    | 0.253    | 0.080    | 0.382    | 0.279    |
| R2 Adj.             | 0.191    | 0.127    | 0.185    | -0.073   | 0.286    | 0.228    |
| AIC                 | 590.7    | 675.0    | 426.2    | 282.4    | 257.5    | 526.1    |
| BIC                 | 641.5    | 727.4    | 471.9    | 320.2    | 296.1    | 575.5    |
| Log.Lik.            | -280.333 | -322.478 | -198.092 | -126.203 | -113.761 | -248.066 |
| RMSE                | 0.87     | 0.91     | 0.86     | 0.95     | 0.78     | 0.85     |
| Std.Errors          | HC3      | HC3      | HC3      | HC3      | HC3      | HC3      |

Table 6: Ethnic linked fate

|  | Chinese | Flipino | Indian  | Japanese | Korean | Others |
|--|---------|---------|---------|----------|--------|--------|
| Violence increased against Asians during COVID | 0.11    | 0.07    | 0.14    | 0.12     | 0.13   | 0.09   |
|  | (0.13)  | (0.34)  | (0.12)  | (0.36)   | (0.32) | (0.24) |
| Experienced racial discrimination during COVID | 0.25*** | 0.12+   | 0.27**  | 0.03     | 0.18+  | 0.12   |
|  | (<0.01) | (0.09)  | (<0.01) | (0.87)   | (0.07) | (0.15) |
| Democracy importance                           | 0.07    | 0.14*   | 0.16    | 0.12     | 0.10   | 0.08   |
|  | (0.49)  | (0.04)  | (0.10)  | (0.44)   | (0.44) | (0.37) |
| American ID importance                         | 0.23**  | 0.22*   | 0.21*   | 0.18     | 0.14   | 0.09   |
|  | (<0.01) | (0.01)  | (0.03)  | (0.25)   | (0.45) | (0.39) |
| China favorability                             | 0.04    | -0.03   | 0.13    | 0.21     | -0.27+ | 0.00   |
|  | (0.65)  | (0.69)  | (0.27)  | (0.21)   | (0.06) | (0.99) |
| China threatening                              | 0.07    | -0.03   | 0.10    | -0.17    | -0.05  | 0.00   |
|  | (0.47)  | (0.70)  | (0.35)  | (0.14)   | (0.64) | (0.97) |
| China democratic                               | 0.11    | 0.10    | -0.13   | 0.00     | -0.05  | 0.01   |
|  | (0.25)  | (0.21)  | (0.27)  | (0.99)   | (0.72) | (0.87) |
| DEM  | 0.11    | 0.07    | -0.01   | 0.03     | 0.21   | 0.07   |
|  | (0.11)  | (0.36)  | (0.94)  | (0.83)   | (0.11) | (0.44) |
| GOP  | 0.00    | 0.00    | 0.05    | -0.05    | -0.04  | 0.02   |
|  | (0.98)  | (0.98)  | (0.64)  | (0.68)   | (0.78) | (0.81) |
| Female   | -0.02   | -0.06   | 0.01    | 0.10     | -0.11  | -0.22* |
|  | (0.82)  | (0.36)  | (0.87)  | (0.43)   | (0.33) | (0.02) |
| Age  | -0.02   | -0.10   | -0.15   | 0.01     | -0.06  | -0.07  |
|  | (0.79)  | (0.15)  | (0.15)  | (0.94)   | (0.67) | (0.42) |
| US born  | 0.07    | -0.03   | -0.08   | -0.04    | 0.00   | -0.07  |
|  | (0.27)  | (0.66)  | (0.33)  | (0.76)   | (0.98) | (0.32) |
| National attachment                            | 0.05    | 0.05    | 0.09    | -0.07    | -0.14  | -0.11  |
|  | (0.58)  | (0.58)  | (0.37)  | (0.65)   | (0.51) | (0.20) |
| Num.Obs.                                       | 219     | 244     | 156     | 92       | 97     | 198    |
| R2   | 0.186   | 0.134   | 0.221   | 0.141    | 0.334  | 0.146  |
| R2 Adj.  | 0.134   | 0.085   | 0.149   | -0.003   | 0.229  | 0.085  |
| AIC  | 605.4   | 686.4   | 432.8   | 276.1    | 264.9  | 559.7  |

|            | Chinese  | Flipino  | Indian   | Japanese | Korean   | Others   |
|------------|----------|----------|----------|----------|----------|----------|
| BIC        | 656.3    | 738.9    | 478.6    | 314.0    | 303.5    | 609.0    |
| Log.Lik.   | -287.723 | -328.207 | -201.415 | -123.066 | -117.440 | -264.844 |
| RMSE       | 0.90     | 0.93     | 0.88     | 0.92     | 0.81     | 0.92     |
| Std.Errors | HC3      | HC3      | HC3      | HC3      | HC3      | HC3      |

Table 7: Asian ID importance

|  | Chinese  | Flipino  | Indian   | Japanese | Korean   | Others   |
|--|----------|----------|----------|----------|----------|----------|
| Violence increased against Asians during COVID | 0.14+    | -0.04    | 0.07     | 0.19     | 0.01     | 0.17*    |
|  | (0.08)   | (0.58)   | (0.36)   | (0.15)   | (0.93)   | (0.02)   |
| Experienced racial discrimination during COVID | 0.16+    | 0.14*    | 0.08     | -0.04    | 0.18     | -0.04    |
|  | (0.05)   | (0.03)   | (0.38)   | (0.80)   | (0.14)   | (0.64)   |
| Democracy importance                           | 0.15+    | 0.08     | 0.14     | -0.14    | -0.05    | 0.01     |
|  | (0.09)   | (0.20)   | (0.15)   | (0.30)   | (0.72)   | (0.93)   |
| American ID importance                         | 0.18*    | 0.30***  | 0.15+    | 0.08     | -0.02    | 0.19*    |
|  | (0.05)   | (<0.01)  | (0.06)   | (0.62)   | (0.90)   | (0.04)   |
| China favorability                             | 0.04     | -0.02    | -0.14    | 0.14     | -0.06    | 0.09     |
|  | (0.64)   | (0.83)   | (0.18)   | (0.38)   | (0.70)   | (0.31)   |
| China threatening                              | -0.09    | -0.10    | 0.04     | -0.02    | -0.08    | -0.01    |
|  | (0.24)   | (0.13)   | (0.66)   | (0.89)   | (0.64)   | (0.88)   |
| China democratic                               | 0.18*    | 0.13+    | 0.29**   | 0.04     | 0.11     | 0.00     |
|  | (0.03)   | (0.06)   | (<0.01)  | (0.81)   | (0.48)   | (1.00)   |
| DEM  | 0.03     | 0.03     | 0.08     | 0.03     | 0.16     | -0.03    |
|  | (0.65)   | (0.69)   | (0.42)   | (0.84)   | (0.23)   | (0.73)   |
| GOP  | -0.02    | -0.02    | -0.19+   | 0.09     | 0.00     | -0.02    |
|  | (0.86)   | (0.79)   | (0.09)   | (0.55)   | (0.98)   | (0.81)   |
| Female   | -0.06    | -0.14*   | -0.13    | -0.03    | -0.09    | -0.22**  |
|  | (0.38)   | (0.05)   | (0.12)   | (0.81)   | (0.52)   | (<0.01)  |
| Age  | 0.06     | -0.11    | -0.11    | 0.06     | 0.12     | -0.03    |
|  | (0.38)   | (0.11)   | (0.25)   | (0.75)   | (0.46)   | (0.69)   |
| US born  | 0.09     | -0.04    | 0.07     | -0.26+   | 0.15     | -0.04    |
|  | (0.24)   | (0.51)   | (0.41)   | (0.05)   | (0.26)   | (0.54)   |
| National attachment                            | 0.11     | 0.03     | -0.10    | -0.10    | -0.10    | -0.12    |
|  | (0.22)   | (0.73)   | (0.34)   | (0.54)   | (0.51)   | (0.19)   |
| Num.Obs.                                       | 219      | 244      | 156      | 92       | 97       | 198      |
| R2   | 0.135    | 0.170    | 0.242    | 0.133    | 0.137    | 0.144    |
| R2 Adj.  | 0.080    | 0.123    | 0.173    | -0.011   | 0.001    | 0.083    |
| AIC  | 618.7    | 676.1    | 428.4    | 276.9    | 290.0    | 560.2    |
| BIC  | 669.5    | 728.6    | 474.2    | 314.8    | 328.6    | 609.5    |
| Log.Lik.                                       | -294.354 | -323.047 | -199.206 | -123.474 | -130.005 | -265.100 |
| RMSE   | 0.93     | 0.91     | 0.87     | 0.93     | 0.92     | 0.92     |
| Std.Errors                                     | HC3      | HC3      | HC3      | HC3      | HC3      | HC3      |



Table 8: Asian common interests

|  | Chinese  | Flipino  | Indian   | Japanese | Korean   | Others   |
|--|----------|----------|----------|----------|----------|----------|
| Violence increased against Asians during COVID | 0.04     | 0.12+    | 0.08     | 0.17     | -0.01    | 0.29***  |
|  | (0.58)   | (0.09)   | (0.35)   | (0.21)   | (0.91)   | (<0.01)  |
| Experienced racial discrimination during COVID | 0.18*    | 0.13*    | 0.09     | 0.02     | 0.12     | 0.00     |
|  | (0.02)   | (0.04)   | (0.37)   | (0.89)   | (0.27)   | (0.96)   |
| Democracy importance                           | 0.16     | 0.11     | 0.09     | 0.20     | -0.06    | 0.07     |
|  | (0.11)   | (0.11)   | (0.38)   | (0.10)   | (0.67)   | (0.41)   |
| American ID importance                         | 0.22*    | 0.21**   | 0.19+    | 0.13     | 0.05     | 0.00     |
|  | (0.01)   | (<0.01)  | (0.08)   | (0.39)   | (0.71)   | (0.98)   |
| China favorability                             | 0.00     | -0.09    | 0.07     | 0.16     | -0.11    | 0.11     |
|  | (1.00)   | (0.13)   | (0.56)   | (0.28)   | (0.50)   | (0.18)   |
| China threatening                              | -0.17    | 0.01     | 0.06     | -0.03    | 0.11     | 0.10     |
|  | (0.14)   | (0.88)   | (0.54)   | (0.79)   | (0.50)   | (0.23)   |
| China democratic                               | 0.12     | 0.00     | 0.04     | 0.02     | 0.12     | -0.15+   |
|  | (0.17)   | (0.95)   | (0.73)   | (0.87)   | (0.43)   | (0.07)   |
| DEM  | 0.07     | 0.14+    | 0.08     | 0.08     | 0.12     | 0.05     |
|  | (0.35)   | (0.06)   | (0.45)   | (0.54)   | (0.36)   | (0.55)   |
| GOP  | -0.02    | 0.04     | -0.01    | -0.14    | -0.19+   | -0.03    |
|  | (0.81)   | (0.56)   | (0.95)   | (0.37)   | (0.09)   | (0.72)   |
| Female   | 0.07     | 0.01     | -0.01    | 0.15     | -0.01    | -0.03    |
|  | (0.38)   | (0.93)   | (0.90)   | (0.21)   | (0.90)   | (0.72)   |
| Age  | -0.06    | -0.13+   | -0.01    | -0.09    | -0.02    | 0.03     |
|  | (0.39)   | (0.05)   | (0.93)   | (0.55)   | (0.89)   | (0.74)   |
| US born  | 0.00     | -0.20**  | 0.10     | -0.25*   | 0.11     | -0.04    |
|  | (0.94)   | (<0.01)  | (0.26)   | (0.02)   | (0.32)   | (0.62)   |
| National attachment                            | -0.07    | 0.06     | -0.02    | -0.13    | -0.18    | -0.22**  |
|  | (0.41)   | (0.42)   | (0.83)   | (0.38)   | (0.21)   | (<0.01)  |
| Num.Obs.                                       | 219      | 244      | 156      | 92       | 97       | 198      |
| R2   | 0.156    | 0.170    | 0.127    | 0.212    | 0.199    | 0.195    |
| R2 Adj.  | 0.102    | 0.123    | 0.047    | 0.080    | 0.074    | 0.138    |
| AIC  | 613.4    | 676.0    | 450.5    | 268.2    | 282.7    | 548.0    |
| BIC  | 664.3    | 728.5    | 496.3    | 306.0    | 321.3    | 597.3    |
| Log.Lik.                                       | -291.718 | -323.007 | -210.270 | -119.090 | -126.343 | -258.975 |
| RMSE   | 0.92     | 0.91     | 0.93     | 0.88     | 0.89     | 0.89     |
| Std.Errors                                     | HC3      | HC3      | HC3      | HC3      | HC3      | HC3      |