Codebook for Under Threat We Unite: How Shared Marginalization Shapes Cohesion and Political Cooperation among Asian Americans

Age

Question wording

We will begin with some demographic questions. What is your current age in years?

Response option format

Dropdown format to select from 18-99

Variable name

age

Variable type and/or coding rule

Numeric (originally stored as a string field for the purpose of displaying subjects' age to their paired partner in the public goods game)

Ethnicity

Question wording

Displayed IF selected 'Asian' to the previous question, "What racial or ethnic group describe you? If more than one, please tell us the group you **MOST** identify with" (response options: 'Asian', 'Black or African American', 'Hispanic or Latino/a', 'Middle Eastern or North African', 'Native American', 'Native Hawaiian or Other Pacific Islander', 'White')

Which of the following describes your national-origin or ethnic background as an Asian or Asian American? If more than one, please tell us the group you **MOST** identify with.

Response option format

Dropdown format to select from options listed in the following order: 'Bangladeshi', 'Bhutanese', 'Burmese', 'Cambodian', 'Chinese', 'Filipino/a', 'Hmong', 'Indian', 'Indonesian', 'Japanese', 'Korean', 'Laotian', 'Malaysian', 'Mongolian', 'Nepali', 'Pakistani', 'Singaporean', 'Sri Lankan', 'Taiwanese', 'Thai', 'Vietnamese'

Variable name

ntlrace

Variable type and/or coding rule

Character

South Asian

Question wording

N/A (see 'Ethnicity')

Response option format

N/A (see 'Ethnicity')

Variable name

sasian

Variable type and/or coding rule

Numeric; sasian = 1 IF subject's ethnicity is one of the following: 'Bangladeshi', 'Bhutanese', 'Indian', 'Nepali', 'Pakistani', 'Sri Lankan', otherwise 0

East Asian

Question wording

N/A (see 'Ethnicity')

Response option format

N/A (see 'Ethnicity')

Variable name

easian

Variable type and/or coding rule

Numeric; easian = 1 IF subject's ethnicity is one of the following: 'Chinese', 'Japanese', 'Korean', 'Taiwanese', 'Mongolian', otherwise 0

Southeast Asian

Question wording

N/A (see 'Ethnicity')

Response option format

N/A (see 'Ethnicity')

Variable name

seasian

Variable type and/or coding rule

Numeric; seasian = 1 IF subject's ethnicity is one of the following: 'Burmese', 'Cambodian', 'Filipino/a', 'Hmong', 'Indonesian', 'Laotian', 'Malaysian', 'Singaporean', 'Thai', 'Vietnamese', otherwise 0

Asian ID 1

Question wording

Displayed IF selected 'Asian' to the previous question, "What racial or ethnic group describe you? If more than one, please tell us the group you **MOST** identify with" (response options: 'Asian', 'Black or African American', 'Hispanic or Latino/a', 'Middle Eastern or North African', 'Native American', 'Native Hawaiian or Other Pacific Islander', 'White')

How important is being an *Asian* or *Asian American* to you?

Response option format

Select from options listed in the following order: 1 = 'Extremely important', 2 = 'Very important', 3 = 'Not very important', 4 = 'Not important at all'

Variable name

asianid1

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger Asian identification

Asian ID 2

Question wording

Displayed IF selected 'Asian' to the previous question, "What racial or ethnic group describe you? If more than one, please tell us the group you **MOST** identify with" (response options: 'Asian', 'Black or African American', 'Hispanic or Latino/a', 'Middle Eastern or North African', 'Native American', 'Native Hawaiian or Other Pacific Islander', 'White')

When talking about *Asians* or *Asian Americans*, how often do you use "we" instead of "they"?

Response option format

Select from options listed in the following order: 1 = 'All of the time', 2 = 'Most of the time', 3 = 'Rarely', 4 = 'Never'

Variable name

asianid2

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger Asian identification

Ethnic ID 1

Question wording

Displayed IF selected 'Asian' to the previous question, "What racial or ethnic group describe you? If more than one, please tell us the group you **MOST** identify with" (response options: 'Asian', 'Black or African American', 'Hispanic or Latino/a', 'Middle Eastern or North African', 'Native American', 'Native Hawaiian or Other Pacific Islander', 'White')

How important is being a/an *[subject's selected ethnicity]* or *[subject's selected ethnicity] American* to you?

Response option format

Select from options listed in the following order: 1 = 'Extremely important', 2 = 'Very important', 3 = 'Not very important', 4 = 'Not important at all'

Variable name

ethnicid1

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger ethnic identification

Ethnic ID 2

Question wording

Displayed IF selected 'Asian' to the previous question, "What racial or ethnic group describe you? If more than one, please tell us the group you **MOST** identify with" (response options: 'Asian', 'Black or African American', 'Hispanic or Latino/a', 'Middle Eastern or North African', 'Native American', 'Native Hawaiian or Other Pacific Islander', 'White')

When talking about *[subject's selected ethnicity](s)* or *[subject's selected ethnicity] Americans*, how often do you use "we" instead of "they"?

Response option format

Select from options listed in the following order: 1 = 'All of the time', 2 = 'Most of the time', 3 = 'Rarely', 4 = 'Never'

Variable name

ethnicid2

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger ethnic identification

Asian ID strength

Question wording

N/A (see 'Asian ID 1' & 'Asian ID 2')

Response option format

N/A (see 'Asian ID 1' & 'Asian ID 2')

Variable name

asianids

Variable type and/or coding rule

Numeric; the sum of asianid1 and asianid2 recoded to vary between 0 and 1 with a higher value indicating stronger Asian identification

Ethnic ID strength

Question wording

N/A (see 'Ethnic ID 1' & 'Ethnic ID 2')

Response option format

N/A (see 'Ethnic ID 1' & 'Ethnic ID 2')

Variable name

ethnicids

Variable type and/or coding rule

Numeric; the sum of ethnicid1 and ethnicid2 recoded to vary between 0 and 1 with a higher value indicating stronger ethnic identification

Party ID

Question wording

Generally speaking, do you usually think of yourself as a *Democrat*, a *Republican*, or an *Independent*?

Response option format

Select from options listed in the following order: 1 = 'Democrat', 3 = 'Republican', 2 = 'Independent'

Variable name

pid3

Variable type and/or coding rule

Numeric

Strong party ID

Question wording

Displayed IF selected 'Democrat' OR 'Republican' to the previous question, "Generally speaking, do you usually think of yourself as a *Democrat*, a *Republican*, or an *Independent*?"

Would you call yourself a *strong* [Democrat/Republican] or *not very strong* [Democrat/Republican]?

Response option format

Select from options listed in the following order: 0 = 'Strong', 1 = 'Not very strong'

Variable name

pidstr

Variable type and/or coding rule

Numeric

Party lean

Question wording

Displayed IF selected 'Independent' to the previous question, "Generally speaking, do you usually think of yourself as a *Democrat*, a *Republican*, or an *Independent*?"

Do you think of yourself as closer to the Democratic Party, the Republican Party, or neither?

Response option format

Select from options listed in the following order: 1 = 'Closer to the Democratic Party', 2 = 'Closer to the Republican Party', 3 = 'Closer to neither party'

Variable name

ilean

Variable type and/or coding rule

Numeric

7-point party ID

Question wording

N/A (see 'Party ID', 'Strong party ID' & 'Party lean')

Response option format

N/A (see 'Party ID', 'Strong party ID' & 'Party lean')

Variable name

pid7

Variable type and/or coding rule

Numeric; pid7 = 1 IF pid3 == 3 (‘Republican’) & pidstr == 0 (‘Strong’); pid7 = 2 IF pid3 == 3 (‘Republican’) & pidstr == 1 (‘Not very strong’); pid7 = 3 IF ilean == 2 (‘Closer to the Republican Party’); pid7 = 4 IF ilean == 3 (‘Close to neither party’); pid7 = 5 IF ilean == 1 (‘Closer to the Democratic Party’); pid7 = 6 IF pid3 == 1 (‘Democrat’) & pidstr == 0 (‘Not very strong’); pid7 = 7 IF pid3 == 1 (‘Democrat’) & pidstr == 0 (‘Strong’)

Ideology

Question wording

Where would you place yourself on this scale?

Response option format

Select from options listed in the following order: 1 = ’Extremely liberal’, 2 = ’Liberal’, 3 = ’Slightly liberal’, 4 = ’Moderate; middle of the road’, 5 = ’Slightly conservative’, 6 = ’Conservative’, 7 = ’Extremely conservative’

Variable name

ideology

Variable type and/or coding rule

Numeric

Reverse coded ideology

Question wording

N/A (see ‘Ideology’)

Response option format

N/A (see ‘Ideology’)

Variable name

liberalism

Variable type and/or coding rule

Numeric; ideology variable reverse coded

Political interest

Question wording

How interested would you say you are in politics? Are you *very interested*, *somewhat interested*, *not very interested*, or *not at all interested* in politics?

Response option format

Select from options listed in the following order: 1 = 'Very interested', 2 = 'Somewhat interested', 3 = 'Not very interested', 4 = 'Not at all interested'

Variable name

polint

Variable type and/or coding rule

Numeric; reverse coded

Bachelor's degree

Question wording

What is the highest level of school you have completed or the highest degree you have received?

Response option format

Select from options listed in the following order: 1 = 'Less than high school credential', 2 = 'High school graduate - High school diploma or equivalent (e.g. GED)', 3 = 'Some college but no degree', 4 = 'Associate degree in college - occupational/vocational', 5 = 'Associate degree in college - academic', 6 = 'Bachelor's degree (e.g. BA, AB, BS)', 7 = 'Master's degree (e.g. MA, MS, MEng, MEd, MSW, MBA)', 8 = 'Professional school degree (e.g. MD, DDS, DVM, LLB, JD)/Doctoral degree (e.g. PHD, EDD)'

Variable name

bachelors

Variable type and/or coding rule

Numeric; bachelors = 1 IF subject's response $\geq$ 6, otherwise 0

Income

Question wording

Which of the following best describes the total combined income of everyone in your family during the past 12 months? This includes money from jobs, net income from business, farm or rent, pensions, dividends, interest, Social Security payments, and any other money income received by members of your family who are 15 years of age or older.

Response option format

Select from options listed in the following order: 1 = 'Up to $10,000', 2 = '$10,000 to $19,999', 3 = '$20,000 to $29,999', 4 = '$30,000 to $39,999', 5 = '$40,000 to $49,999', 6 = '$50,000 to $59,999', 7 = '$60,000 to $69,999', 8 = '$70,000 to $79,999', 9 = '$80,000 to $99,999', 10 = '$100,000 to $149,999', 11 = '$150,000 or over'

Variable name

inc

Variable type and/or coding rule

Numeric; recoded to vary between 0 and 1 with a higher value indicating higher income

Nativity

Question wording

In what state, country, or territory were you born in?

Response option format

Select from options listed in the following order: 1 = 'A US state or Washington D.C.', 2 = 'Puerto Rico', 3 = 'Another US territory (Guam, American Samoa, US Virgin Islands)', 4 = 'Another country'

Variable name

nativity

Variable type and/or coding rule

Numeric; nativity = 1 IF subject's response is 1 ('A US state or Washington D.C.'), otherwise 0

Gender

Question wording

What sex were you assigned at birth, such as on an original birth certificate?

Response option format

Select from options listed in the following order: 1 = 'Male', 2 = 'Female'

Variable name

female

Variable type and/or coding rule

Numeric; female = 1 IF subject's response is 2 ('Female'), otherwise 0

Discrimination treatment

Question wording

N/A (random assignment)

Response option format

N/A (random assignment)

Variable name

treatment

Variable type and/or coding rule

Factor; 0 = 'Control', 1 = 'Treatment'

Post-vignette emotion: Anger

Question wording

How did you feel reading the research report summary? How much would you say you felt...

Angry?

Response option format

Select from options listed in the following order: 1 = 'A great deal', 2 = 'Somewhat', 3 = 'A little', 4 = 'Not at all'

Variable name

angry

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger anger

Post-vignette emotion: Hostility

Question wording

How did you feel reading the research report summary? How much would you say you felt...

Hostile?

Response option format

Select from options listed in the following order: 1 = 'A great deal', 2 = 'Somewhat', 3 = 'A little', 4 = 'Not at all'

Variable name

hostile

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger hostility

Post-vignette emotion: Disgust

Question wording

How did you feel reading the research report summary? How much would you say you felt...

Disgusted?

Response option format

Select from options listed in the following order: 1 = 'A great deal', 2 = 'Somewhat', 3 = 'A little', 4 = 'Not at all'

Variable name

disgusted

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger disgust

Post-vignette emotion: Enthusiasm

Question wording

How did you feel reading the research report summary? How much would you say you felt...

Enthusiastic?

Response option format

Select from options listed in the following order: 1 = 'A great deal', 2 = 'Somewhat', 3 = 'A little', 4 = 'Not at all'

Variable name

enthusiastic

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger enthusiasm

Post-vignette emotion: Hopefulness

Question wording

How did you feel reading the research report summary? How much would you say you felt...

Hopeful?

Response option format

Select from options listed in the following order: 1 = 'A great deal', 2 = 'Somewhat', 3 = 'A little', 4 = 'Not at all'

Variable name

hopeful

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger hopefulness

Post-vignette emotion: Pride

Question wording

How did you feel reading the research report summary? How much would you say you felt...

Proud?

Response option format

Select from options listed in the following order: 1 = 'A great deal', 2 = 'Somewhat', 3 = 'A little', 4 = 'Not at all'

Variable name

proud

Variable type and/or coding rule

Numeric; reverse coded such that a higher value indicates stronger pride

Comprehension question 1

Question wording

How many other participants will you be matched with in your group?

Response option format

Select from options listed in the following order: 1 = '4', 2 = '2', 3 = '1'

Variable name

cq1_correct

Variable type and/or coding rule

Numeric; cq1_correct = 1 IF subject selected 3 ('1')

Comprehension question 2

Question wording

The total amount of tokens placed in the 'group account' will be...

Response option format

Select from options listed in the following order: 1 = 'Divided by 2', 2 = 'Multiplied by 1.4', 3 = 'Multiplied by 1.2'

Variable name

cq2_correct

Variable type and/or coding rule

Numeric; cq2_correct = 1 IF subject selected 2 ('Multiplied by 1.4')

Comprehension question 3

Question wording

Any remaining amount of tokens you keep for yourself, instead of placing in the 'group account', will NOT be multiplied nor divided by any number.

Response option format

Select from options listed in the following order: 1 = 'True', 2 = 'False'

Variable name

cq3_correct

Variable type and/or coding rule

Numeric; cq3_correct = 1 IF subject selected 1 ('True')

Comprehension question 4

Question wording

Your earnings from the 'group account' will be...

Response option format

Select from options listed in the following order: 1 = 'Total amount of tokens placed in the group account multiplied by 1.4 and divided by 3', 2 = 'Total amount of tokens placed in the group account multiplied by 1.2 and divided by 2', 3 = 'Total amount of tokens placed in the group account multiplied by 1.4 and divided by 2'

Variable name

cq4_correct

Variable type and/or coding rule

Numeric; cq4_correct = 1 IF subject selected 3 ('Total amount of tokens placed in the group account multiplied by 1.4 and divided by 2')

Comprehension score

Question wording

N/A (see 'Comprehension question 1', 'Comprehension question 2', 'Comprehension question 3', & 'Comprehension question 4')

Response option format

N/A (see 'Comprehension question 1', 'Comprehension question 2', 'Comprehension question 3', & 'Comprehension question 4')

Variable name

cq_score

Variable type and/or coding rule

Numeric; sum of cq1_correct, cq2_correct, cq3_correct, and cq4_correct recoded to vary between 0 and 1 with a higher value indicating greater comprehension of the instructions

Full Comprehension

Question wording

N/A

Response option format

N/A

Variable name

fullcomp

Variable type and/or coding rule

Numeric; fullcomp = 1 IF subject correctly answered all four comprehension questions, otherwise 0

Comprehension score < 50%

Question wording

N/A

Response option format

N/A

Variable name

failed_too_many

Variable type and/or coding rule

Numeric; failed_too_many = 1 IF subject incorrectly answered more than two comprehension questions, otherwise 0

Contribution to the public good

Question wording

You have been randomly matched with a/an [**other player's age**] year old [**other player's ethnicity**] participant located in **the U.S.** Both you and the other participant have received [**150 token(s)**] each.

Please move the slider below to indicate how many of the 150 token(s) you will place in the *group account* and click on **'Send'**.

(Click the blue bar to reveal the slider.)

Response option format

Slider format to select from 0-150

Variable name

self_contribution

Variable type and/or coding rule

Numeric

Expectation regarding other player's contribution to the public good

Question wording

How many token(s) do you think the other participant ([**other player's age**] year old [**other player's ethnicity**] located in **the U.S.**) will place in the *group account*?

Type your best estimate of the amount the other participant will place in the *group account* into the box below and click on **'Send'**.

Entered value must be an integer between 0 and 150 (i.e., it CANNOT contain any decimal).

Response option format

Number input (min = 0, max = 150)

Variable name

expamt_partner

Variable type and/or coding rule

Numeric

Shared dyadic ethnicity

Question wording

N/A (random matching)

Response option format

N/A (random matching)

Variable name

dyadicntl

Variable type and/or coding rule

Factor; 0 = 'Out-Ethnic', 1 = 'Co-Ethnic'

Combined experimental conditions

Question wording

N/A

Response option format

N/A

Variable name

TmtNtl

Variable type and/or coding rule

Factor; 1 = 'Control:Out-Ethnic', 2 = 'Treatment:Out-Ethnic', 3 = 'Control:Co-Ethnic', 4 = 'Treatment:Co-Ethnic'

Alternative combined experimental conditions

Question wording

N/A

Response option format

N/A

Variable name

TmtNtl1

Variable type and/or coding rule

Factor; 1 = 'Control:Co-Ethnic', 2 = 'Control:Out-Ethnic', 3 = 'Treatment:Co-Ethnic', 4 = 'Treatment:Out-Ethnic'

Matched with a bot player

Question wording

N/A

Response option format

N/A

Variable name

bot_matched

Variable type and/or coding rule

Factor; 0 = 'Matched Partner = Human', 1 = 'Matched Partner = Bot'

Out-ethnic Asian immigration support: China/India

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

Displayed IF sasian == 1: China; displayed otherwise: India

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

outgroup_imm1

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants

Out-ethnic Asian immigration support: South Korea/Pakistan

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

Displayed IF sasian == 1: South Korea; displayed otherwise: Pakistan

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

outgroup_imm2

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants

Support for Immigration from Disparate Asian Countries

Question wording

N/A (see 'Out-ethnic Asian immigration support: China/India', & 'Out-ethnic Asian immigration support: South Korea/Pakistan')

Response option format

N/A

Variable name

outgroup_imm

Variable type and/or coding rule

Numeric; sum of outgroup_imm1 and outgroup_imm2 recoded to vary between 0 and 1 such that a higher value indicates stronger preference for increasing the number of immigrants

Asian immigration support: Country of origin corresponding to subject's ethnicity

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

[Country of origin corresponding to subject's ethnicity]

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

selfntl_imm

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants

Immigration support: France

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

France

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

france

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants

Immigration support: Germany

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

Germany

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

germany

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants

Immigration support: Mexico

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

Mexico

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

mexico

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants

Immigration support: Ukraine

Question wording

Now we would like to ask about your preferences on several policies — first starting with immigration policies. Some people have proposed that the U.S. government should increase the number of immigrants from various foreign countries who are permitted to come to the United States to live.

Do you think the number of immigrants who are permitted to come to the United States to live from the following countries listed below should be increased, decreased, or left the same as it is now?

Ukraine

Response option format

Select from options listed in the following order: 1 = 'Increased a lot', 2 = 'Increased a little', 3 = 'Left the same as it is now', 4 = 'Decreased a little', 5 = 'Decreased a lot'

Variable name

ukraine

Variable type and/or coding rule

Numeric; reverse coded (and recoded to vary between 0 and 1) such that a higher value indicates stronger preference for increasing the number of immigrants