Survey Questionnaire and Codebook for 'Feeling ill: perspective-taking and attitudes toward healthcare access for undocumented immigrants.'
Vargas Nunez, Cesar

Variables in (**bold**) below

Survey Questionnaire Study 1

Informed Consent (**informed_consent**)

- Yes/no – if 'no' → removed from survey

Demographic questions

- Age (**age**)
- Education (**educ**) - What is your highest completed level of education?
    - (1) Less than HS
    - HS
    - Some college but did not complete
    - Associate degree
    - College Degree
    - (6) Postgraduate

- Self-rated personal health (**self_health**) – How is your health in general? Would you say it is…
    - (4) Very good
    - Good
    - Fair
    - Poor
    - (0) Very poor

Policy Attitudes 1

- Abortion (**abortion**) – Which one of the opinions on this page best agrees with your view?
    - (0) By law, abortion should never be permitted
    - (1) The law should permit abortion only in case of rape, incest, or when the woman's life is in danger
    - (2) The law should permit abortion for reasons other than rape, incest, or danger to the woman's life, but only after the need for the abortion has been clearly established
    - (3) By law, a woman should always be able to obtain an abortion as a matter of personal choice

- Energy Policy (**energy**) – Right now, which one of the following do you think should be the more important priority for addressing America's energy supply?
    - (0) Developing alternative energy sources, such as wind, solar and hydrogen technology
    - (1) Expanding exploration and production of oil, coal and natural gas

Attention Check (**attention_check1**) – fail → get removed from the survey

- Attention Check 1 – What is the sum of 2 + 1?
    - (0) 1

- (0) 2
- (1) 3
- (0) 4

Prejudice

Do you have a favorable or unfavorable opinion of…

Answer scale: (4) Very favorable, (3) somewhat favorable, (2) neither favorable nor unfavorable, (1) somewhat unfavorable, (0) very unfavorable

[Randomize the next four]

- Liberals (**liberals**)
- Conservatives (**conservatives**)
- Undocumented immigrants (**undoc_immigrants**)

Policy Attitudes 2

- Birthright citizenship (**birthright_citizenship**) – The US Constitution states that anyone born in the country automatically receives citizenship. Do you agree or disagree with this provision?
  - (4) Strongly agree
  - Somewhat agree
  - Somewhat disagree
  - (1) Strongly disagree

- Welfare Attitudes (**welfare**) – Should federal spending on welfare programs be increased, decreased, kept the same or cut out entirely?
  - (4) Increased
  - Kept the same
  - Decreased
  - (1) Cut out entirely

- Same-sex marriage (**samesex_marriage**) – Do you think gay or lesbian couples should be allowed to marry?
  - (1) Yes
  - (0) No

Attention Check (**attention_check2**) – fail = are not removed from survey

- Attention Check Question 2 – For our research, careful attention to survey questions is critical. Please select the "I understand" option below.
  - I do not understand
  - (1) I understand

COVID-19 Exposure

- COVID-19 concern (**covid_concern**) – How concerned are you, if at all, about the COVID-19 pandemic?
  - (4) Extremely concerned
  - Very concerned,

    - Somewhat concerned
    - Slightly concerned
    - (0) Not at all concerned

- COVID-19 vaccine (**covid_vaccine**) – Have you already received any of the COVID-19 vaccines?
    - (1) Yes
    - (0) No
        - If 'no' (**covid_vaccine_will**) → If you had access to a free vaccine for COVID-19, what is the probability that you would get vaccinated against COVID-19?
            - (4) Extremely likely
            - Very likely
            - Somewhat likely
            - Not very likely
            - (0) Not likely at all

[Randomize order of next three]

- Covid Family (**covid_family**) Has one of your close family-members tested positive for COVID-19?
    - (1) Yes
    - (0) No

- Covid Household (**covid_household**) - Has someone in your household tested positive for COVID-19?
    - (1) Yes
    - (0) No

- Covid Self (**covid_self**) - Have you ever tested positive for COVID-19?
    - (1) Yes
    - (0) No
        - If 'no' (**covid_contracted**) → Irrespective of whether you have received a positive COVID-19 test, do you strongly believe that you have ever contracted COVID-19?
            - (1) Yes
            - (0) No
    - Covid Symptoms (**covid_symptoms**) - If 'yes' to any of last two questions → In a scale from 0 (no symptoms) to 5 (requiring hospitalization) how severe were your COVID-19 symptoms?
            - (0) No symptoms – (5) symptoms requiring hospitalization

Survey Experiment 1

[randomly assign one of the following]

- Control (low-income)
- Control (undocumented immigrant)
- Treatment (low-income)
- Treatment (undocumented immigrant)

Treatment (undocumented immigrant/low-income):
Please read the following statement:

"Imagine that you are an [undocumented immigrant/low-income individual] who, despite having severe symptoms from COVID-19, cannot get medical care because of your [immigration status/inability to pay."

[While page is loaded]

- Take a minute to think about what it would be like to experience this situation. What kinds of emotions would you feel? Please write any that come to mind

  [textbox] (**s1_text_undoc**) or (**s1_text_lowinc**)

Outcome Question #1

- (**response_deserving**) - To what extent do you agree with the following statement. "[Undocumented immigrants / low-income individuals] deserve access to government healthcare programs"
  - (1) Strongly agree
  - Somewhat agree
  - Somewhat disagree
  - (0) Strongly disagree

Outcome Question #2 – Prejudice towards undocumented immigrants

- (**post_s1_prejudice**) On a scale of (0) not upset at all to (5) very upset, how would you feel if your son or daughter dated an undocumented immigrant?
  - (0) Not upset at all – (5) Very upset

Fictitious Policy Questions Part 1

"A local group is working to lobby the state legislature to enact policy changes that would [expand healthcare access to access to undocumented immigrants / expand healthcare subsidies for low-income individuals]."

Outcome Question #3 – (**response_policy**) - Do you support or oppose such a policy?

- (1) Strongly support
- Somewhat support
- Somewhat opposed
- (0) Strongly opposed

Fictitious Policy Questions Part 2

"As part of this movement, the group is collecting messages that highlight how voters feel about the current healthcare system and their attitudes towards a proposal to [expand healthcare access to access to undocumented immigrants / expand healthcare subsidies for low-income individuals]."

Outcome Question #4 – Comments about the fictitious policy

- (**s3_control_undoc or s3_undoc or s3_control_lowinc or s3_lowinc**) Part A: would you like to leave a comment?
    - (1) Yes
    - (0) No
        - If 'yes,' to Part A - what would you like to say?

          [Textbox] (same as above, but add 'text' between s3 and the targeted group)

<u>Demographics</u>

- 7-level Party-ID (**pid_7level**) - Generally speaking, do you usually think of yourself as a Republican, Democrat, or Independent?
    - (1) Strong Democrat
    - (2) Democrat
    - (3) Slightly Democrat
    - (4) Independent
    - (5) Slightly Republican
    - (6) Republican
    - (7) Extremely Republican

- COVID-19 experiences (**covid_life_quality**) – Overall, how has your quality of life changed as a result of the COVID-19 pandemic? It has gotten…
    - (4) Much better
    - Better
    - Remained the same
    - Worse
    - (0) Much worse

- Ethnicity (**ethnicity**) – Please choose one or more races that you consider yourself to be
    - (1) White, non-Hispanic
    - (2) Hispanic/Latino
    - (3) Black, non-Hispanic
    - (4) Asian, native Hawaiian or other pacific island, non-Hispanic
    - (5) Native American or Alaska Native, non-Hispanic
    - (6) Other [textbox]

- Income (**income**) – For statistical purposes only, please indicate the answer that indicates your entire household income in the previous year (before taxes).
    - (1) Less than $20,000
    - (2) $20 – 39,999
    - (6) $40,000 – 59,000
    - (9) $80,000 – 99,000

    - (12) $100,000 or more

- 7-level Pol Ideology (**pol_ideology**) – where would you place yourself on this scale?
    - (1) Extremely liberal
    - (2) Liberal
    - (3) Slightly Liberal
    - (4) Moderate, middle of the road
    - (5) Slightly Conservative
    - (6) Conservative
    - (7) Extremely Conservative

- State (**state**)
    - Drop-down list of states

- Health insurance (**insurance**) - Are you, yourself, now covered by any form of health insurance or health plan or do you not have health insurance at this time? A health plan would include any private insurance plan through your employer or a plan that you purchased yourself, as well as a government program
    - Covered by health insurance
    - Not covered by health insurance

- Healthcare (**insurance_general**) - What is your main health insurance?
    - (1) None/uninsured
    - Private insurance
    - Medicaid
    - Medicare
    - County/local healthcare program
    - Crossing into Mexico for medical care
    - (7) Other [textbox]

- Zip code (**zip**) – what is your zip code?

<u>Manipulation Check</u> (**manipulation**)

- Earlier in the survey we asked about extending healthcare access to a specific group. Which group did we ask you about?
    - (1) Elderly individuals
    - (2)Refugees
    - (3) Undocumented Immigrants
    - (4) Low-income individuals

<u>Attention Check</u> (**attention_check3**) – fail → not removed from survey

- Attention Check 3 - We sometimes find people don't always take surveys seriously, instead providing humorous or insincere responses to questions. How often do you do this? Please select "always" irrespective of how often you do it.
    - (0) Never
    - (0) Rarely
    - (0) Some of the time

- (0) Most of the time
- (1) Always

Survey Questionnaire Study 2

Demographic

- Same as Study 1

Policy Attitudes 1

- Same as Study 1

Attention Check 1– fail → get removed from the survey

- Same as Study 1

Prejudice

Do you have a favorable or unfavorable opinion of…

Answer scale: (4) Very favorable, (3) somewhat favorable, (2) neither favorable nor unfavorable, (1) somewhat unfavorable, (0) very unfavorable

[Randomize the next four]

- Liberals (**liberals**)
- Conservatives (**conservatives**)
- Undocumented immigrants (**undoc_immigrants**)
- Legal immigrants (**doc_immigrants**)

Policy Attitudes

- Same as Study 1

Attention Check 2

- Same as Study 1

COVID-19 Exposure

- Same as Study 1

Personal Chronic Experience

[Randomize order of next three]

- Has one of your close family-members been diagnosed with cancer or any of the following? Select all that apply
    - Cancer (**chronic_family_1**)
    - heart disease (**chronic_family_2**)
    - chronic lung disease (**chronic_family_3**)
    - Alzheimer's (**chronic_family_4**)
    - Diabetes (**chronic_family_5**)
    - kidney disease (**chronic_family_6**)
    - None of the above (**chronic_family_99**)
        - If 'yes' to cancer (**chronic_fam_cancer**) → 'In a scale of (0) not requiring much medical care to (5) requiring immediate invasive medical care, how severe was the cancer diagnosis?'
        - [0 – 5] + do not know option + refuse

- Have you been diagnosed with cancer or any of the following? Select all that apply
    - cancer (**chronic_self_1**)
    - heart disease (**chronic_self_2**)
    - chronic lung disease (**chronic_self_3**)
    - Alzheimer's (**chronic_self_4**)
    - Diabetes (**chronic_self_5**)
    - kidney disease (**chronic_self_6**)
    - None of the above
        - If 'yes' to cancer (**chronic_self_cancer**)→ 'In a scale of (0) not requiring much medical care to (5) requiring immediate invasive medical care, how severe was the cancer diagnosis?'
        - [0 – 5] + refuse

Survey Experiment 1

[randomly assign one of the following]

- Control: nothing
- Treatment (undocumented)
- Treatment (cancer)
- Treatment (immigrant)

Treatment (undocumented immigrant COVID/cancer):
Please read the following statement and think about your answer:

"Imagine that you are an undocumented immigrant who, despite having severe symptoms from [COVID-19 / cancer], cannot get medical care because of your immigration status."

Only for treatment (immigrant)
Please read the following statement and think about your answer:

"Imagine that you are an immigrant who, despite having severe symptoms from COVID-19, cannot get medical care."

While page is loaded

- Take a minute to think about what it would be like to experience this situation. What kinds of emotions would you feel? Please write any that come to mind
  [textbox] (**s1_text_immigrant or s1_text_control or s1_text_undoc or s1_text_cancer**)

Outcome Question #1
If in control, treatment (COVID), treatment (cancer) groups…

- (**response_deserving**) To what extent do you agree with the following statement.
  "Undocumented immigrants deserve access to government healthcare programs"
    - (1) Strongly agree
    - Somewhat agree
    - Somewhat disagree
    - (0) Strongly disagree

If in treatment (immigrant) group…

- **(response_deserving**) To what extent do you agree with the following statement.

"Immigrants deserve access to government healthcare programs"
- (1) Strongly agree
- Somewhat agree
- Somewhat disagree
- (0) Strongly disagree

Outcome Question #2 – Prejudice towards undocumented immigrants

- (**post_s1_prejudice**) On a scale of (0) not upset at all to (5) very upset, how would you feel if your son or daughter was dating an undocumented immigrant?
  - (0) Not upset at all – (5) Very upset

Policy Questions Part 1 – Survey Experiment #2

"A local group is working to lobby the state legislature to enact policy changes [that would expand healthcare access / to strengthen welfare programs/ to strengthen welfare programs and expand healthcare access] to undocumented immigrants."

Outcome Question #3 (**response_policy**) – Do you support or oppose such a policy?
- (1) Strongly support
- Somewhat support
- Somewhat opposed
- (0) Strongly opposed

Fictitious Policy Questions Part 2

"As part of this movement, the group is collecting messages that highlight how voters feel about the current welfare system and their attitudes towards a proposal to changes [that would expand healthcare access / to strengthen welfare programs/ to strengthen welfare programs and expand healthcare access] to undocumented immigrants."

Outcome Question #5 (**s3_policy_com_hlth_health or s3_policy_com_hlthW or s3_policy_com_welf**) – Comments about the fictitious policy

- Part A: would you like to leave a comment?
  - (1) Yes
  - (0) No
    - If 'yes,' to Part A - what would you like to say? [Textbox] (same as above but replace 'com' with 'text')

<u>Demographics</u>

- Same as Study 1 but the following change…
- Health insurance (**insurance_source**) – Do you have health insurance?
  - Covered by health insurance
  - Not covered by health insurance (**insurance_uninsured**)
    - If 'Not covered by health insurance' → what do you normally do for medical care? Select all that apply
      - (1) Wait until it worsens or improves
      - (2) Rely on over-the-counter medicine
      - (3) Cross into Mexico for medical care or receive medicine from Mexico

        - (99) Other [textbox]
    - If 'Covered by health insurance' (**insurance_general**) → What is your main health insurance?
        - (1) insurance through employer
        - (2) Private insurance through Marketplace/Obamacare
        - (3) Medicare
        - (4) Medicaid
        - (5) County/local healthcare program
        - (6) Crossing into Mexico for medical care
        - (99) other

Survey Experiment #3

- Not provided because they will be used for a different manuscript
    - choice_rep_control – choice_rep_excl – choice_rep_inclu – choice_rep_others _choice_rep_quality – choice_dem_inclu – choice_dem_exclu – choice_dem_control – choice_dem_others – choice_dem_quality – choice_ind_inclu_rep – choice_ind_excl_dem – choice_ind_others_R – choice_inde_quality -

Political Sophistication

- (**sophis_pelosi**) To the best of your knowledge, to what party does Nancy Pelosi belong to?
    - (1) Republican
    - (2) Democratic
    - (88) Libertarian
    - (89) Green
- (**sophis_elec_college**) To the best of your knowledge, which party is considered 'conservative'?
    - (1) Republican Party
    - (2) Democratic Party
    - (99) DK
- (**sophis_gen_conser**) The US Electoral College…
    - (4) Supervises the presidential debates
    - (3) Trains those who run for political office
    - (2) Is another name for the US Congress
    - (1) Is an assembly that formally elects the president
- (**sophis_hr_majority**) Do you happen to know which political party has a majority in the U.S. House of Representatives?
    - (1) Democratic Party
    - (0) Republican Party
    - (99) DK

Manipulation Check (**manipulation**)

- Same as Study 1

Attention Check 3 (**attention_check3**)– fail → are not removed from survey

- Same as Study 1

Lucid

I also received the following variables from Lucid:

- gender (**gender** in data)
- Age (**age.1** in data)
- Income (**hhi** in data)
- ZIP (**zip.1** in data)
- Region (**region** in data)

Variables created after merging the two surveys

- study (**study**) – indicator for study
    - (1) label for study 1
    - (2) label for study 2
- Treatment indicator for perspective-taking experiment (**treatment**)
    - Control Undoc
    - Control Low Inc
    - Treat Low Inc
    - Treat Undoc
    - Treat Cancer
    - Treat Immigrant
- Treatment indicator for policy in study 1 and policy experiment in study 2 (**treatment_s2**)
    - Control Undoc
    - Control Low Inc
    - Treat Low Inc
    - Treat Undoc
    - Health
    - Health & Welfare
    - Welfare