UnderStandingAmericaStudy

UAS 266: CORONAVIRUS TRACKING SURVEY LONG FORM WAVE 16

Contents

1 INTRODUCTION

This UAS panel survey, titled "UAS 266: Coronavirus tracking survey long form wave 16" asks respondents about the impact of the coronavirus pandemic on their lives. Includes single wave module on vaccine attitudes. This survey is no longer in the field. Respondents were paid $15 to complete the survey.

Related surveys are UAS 46 (coronavirus tracking consent survey), UAS230 (coronavirus survey wave 1) and tracking survey long and short forms for all waves. Tracking survey details available at
https://uasdata.usc.edu/page/Covid-19+Home

1.1 Topics

This survey contains questions (among others) on the following topics: Consumer Behavior, Diet Lifestyle, Employment Labor Market, Family, Health, Housing, Income. A complete survey topic categorization for the UAS can be found here.

1.2 Experiments

This survey includes experiment(s) of the following type(s): Auxiliary Randomization. Please refer to explanatory comments in the Routing section for detailed information. A complete survey experiment categorization for the UAS can be found here.

1.3 Citation

Each publication, press release or other document that cites results from this survey must include an acknowledgment of UAS as the data source and a disclaimer such as, 'The project described in this paper relies on data from survey(s) administered by the Understanding America Study, which is maintained by the Center for Economic and Social Research (CESR) at the University of Southern California. The content of this paper is solely the responsibility of the authors and does not necessarily represent the official views of USC or UAS.' For any questions or more information about the UAS, contact Tania Gutsche, Project and Panel Manager, Center for Economic and Social Research, University of Southern California, at tgutsche@usc.edu.

2 SURVEY RESPONSE AND DATA

2.1 Sample selection and response rate

The sample selection for this survey was:

All active respondents who consented to participate in UAS46.

As such, this survey was made available to 7832 UAS participants. Of those 7832 participants, 6081 completed the survey and are counted as respondents. Of those who are not counted as respondents, 100 started the survey without completing and 1651 did not start the survey. The overall response rate was 77.64%.
The detailed survey response rate is as follows:

UAS266 - Response Overview	
Size of selected sample	7832
Completed the survey	6081
Started but did not complete the survey	100
Did not start the survey	1651
Response rate	77.64%

2.2 Timings

The survey took respondents an average of 26 minutes. Detailed timings distributions and times per question are available upon request.

2.3 Weighting

Sample weights for this survey are computed following the general UAS Weighting Procedure. Specifically, we use a two-step process where we first compute base weights, which correct for unequal probabilities of sampling UAS members, and then generate final, post-stratification weights, which align the sample to the reference population along certain socio-economic dimensions. These are gender (male/female), race and ethnicity (White/Black/Other/Hispanic/Native American), age (18-39/40-49/50/59/60+), education

(High school or less/Some college/Bachelor or more), Census regions (Northeast/Midwest/ South/West, excl. CA/CA, excl. LAC, LAC). Benchmark distributions for these variables are derived from the 6 most recent available Current Population Survey (CPS) Basic Monthly Survey with respect to the survey's completion date. The reference population considered for the weights is the U.S. population of adults age 18 and older.

This survey contains the following variables with weights (all generated using the procedure described above)

- final_weight These weights allow to align the overall sample to the adult U.S. population as far as the distributions of the aforementioned demographics are concerned.

NOTE: this dataset does not include respondents with a weight of zero (non-Native American households recruited in batches 2 and 3 and individuals recruited in batch 4). For the full data set, including these respondents, or for any other questions please contact UAS staff.

3   STANDARD VARIABLES

Each Understanding America Study data contains a series of standard variables, consisting of individual, household and sample identifiers, language indicator, time stamps and a rating by the respondent of how much he or she liked the survey:

○ **uasid**: the identifier of the respondent. This identifier is assigned to a respondent at recruitment and stays with the respondent throughout each and every survey he/she participates in. When analyzing data from multiple surveys, the 'uasid' can be used to merge data sets.

○ **uashhid**: the household identifier of the respondent. Every member is assigned a household identifier, stored in the variable 'uashhid'. For the primary respondent this identifier equals his or her 'uasid'. All other eligible members of the primary respondent's household (everyone who is 18 or older in the household) who become UAS respondents receive the 'uasid' of the primary respondent as their household identifier. The identifier 'uashhid' remains constant over time for all respondents. Thus it is always possible to find the original UAS household of an UAS panel member (even after they, for example, have moved out to form another household).

○ **survhhid**: uniquely identifies the household a UAS panel member belongs to in a given survey. For instance, if the primary respondent and his/her spouse are both UAS members at the time of a given survey, they both receive the same 'survhhid' identifier for that survey. If they subsequently split, they receive two different 'survhhid' in subsequent surveys. They, however, always share the same 'uashhid'. The identifier 'survhhid' is set to missing (.) if no other household members are UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart if the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, household members have different 'survhhid' reflecting different household compositions at the time they answered the survey. For instance, suppose that the primary respondent and his/her spouse are both UAS members. If the primary respondent answers the survey when he/she is living with the spouse, but the spouse answers the survey when the couple has split, they receive different 'survhhid'. Hence, the variable 'survhhid' identifies household membership of UAS panel members, at the time the respondent answers the survey. Note: in the My Household survey 'survhhid' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.

○ **uasmembers**: is the number of other household members who are also UAS panel members at the time of the survey. Since individuals can answer the same survey at different points in time (which can be relatively far apart is the survey is kept in the field for a prolonged time), it may be possible that, within the same data set, the primary respondent of a household has a value of '0', whereas the second UAS household respondent has a value of '1'. Therefore 'uasmembers' should be interpreted as the

number of household and UAS panel members at the time the respondent answers the survey. Note: in the My Household survey 'uasmembers' is set to unknown (.u) for respondents who last participated in the My Household survey prior to January 21, 2015.

- ○ **sampletype**: indicates the sampling frame from which the household of the respondent was recruited. All UAS recruitment is done through address based sampling (ABS) in which samples are acquired based on postal records. Currently, the variable 'sampletype' takes on three values reflecting three distinct recruitment categories (in future data sets the number of categories may increase due to the incorporation of new recruitment categories):

    1. Nationally Representative Sample
    2. Native Americans: recruited through ABS, where the probability of drawing a zip-code is a function of the percentage of Native Americans in the zip-code. Primary respondents in these zip-codes who are not Native Americans are not invited to join the UAS.
    3. LA County: recruited through ABS drawing from zip-codes in Los Angeles County.

- ○ **batch**: indicates the batch from which the respondent was recruited. There are currently the following values this variable takes (in future data sets the number of categories may increase due to the usage of new recruitment samples):

    1. ASDE 2014/01 Nat.Rep.
    2. ASDE 2014/01 Native Am.
    3. ASDE 2014/11 Native Am.
    4. LA County 2015/05 List Sample
    5. MSG 2015/07 Nat.Rep.
    6. MSG 2016/01 Nat.Rep. Batch 2
    7. MSG 2016/01 Nat.Rep. Batch 3
    8. MSG 2016/01 Nat.Rep. Batch 4
    9. MSG 2016/02 Nat.Rep. Batch 5
    10. MSG 2016/03 Nat.Rep. Batch 6
    11. MSG 2016/04 Nat.Rep. Batch 7
    12. MSG 2016/05 Nat.Rep. Batch 8
    13. MSG 2016/08 LA County Batch 2
    14. MSG 2017/03 LA County Batch 3
    15. MSG 2017/11 California Batch 1
    16. MSG 2018/02 California Batch 2
    17. MSG 2018/08 Nat.Rep. Batch 9

18. MSG 2019/04 LA County Batch 4

19. MSG 2019/05 LA County Batch 5

20. MSG 2019/11 Nat. Rep. Batch 10

21. MSG 2020/08 Nat. Rep. Batch 11

22. MSG 2020/10 Nat. Rep. Batch 12

○ **primary_respondent**: indicates if the respondent was the first person within the household (i.e. to become a member or whether s/he was added as a subsequent member. A household in this regard is broadly defined as anyone living together with the primary respondent. That is, a household comprises individuals who live together, e.g. as part of a family relationship (like a spouse/child/parent) or in context of some other relationship (like a roommate or tenant).

○ **hardware**: indicates whether the respondent ever received hardware or not. Note: this variable should not be used to determine whether a respondent received hardware at a given point in time and/or whether s/he used the hardware to participate in a survey. Rather, it indicates whether hardware was ever provided:

1. None

2. Tablet (includes Internet)

○ **language**: the language in which the survey was conducted. This variable takes a value of 1 for English and a value of 2 for Spanish.

○ **start_date (start_year, start_month, start_day, start_hour, start_min, start_sec)**: indicates the time at which the respondent started the survey.

○ **end_date (end_year, end_month, end_day, end_hour, end_min, end_sec)**: indicates the time at which the respondent completed the survey.

○ **cs_001**: indicates how interesting the respondent found the survey.

4   BACKGROUND DEMOGRAPHICS

Every UAS survey data set includes demographic variables, which provide background information about the respondent and his/her household. Demographic information such as age, ethnicity, education, marital status, work status, state of residence, family structure is elicited every quarter through the "My Household" survey. The demographic variables provided with each survey are taken from the most recent 'MyHousehold' survey answered by the respondent. If at the time of a survey, the information in "My Household" is more than three months old, a respondent is required to check and update his or her information before being able to take the survey.

The following variables are available in each survey data set:

- **gender**: the gender of the respondent.

- **dateofbirth_year**: the year of birth of the respondent.

- **age**: the age of the respondent at the start of the survey.

- **agerange**: if the respondent's age cannot be calculate due to missing information, 'agerange' indicates the approximate age. Should a value for both the 'age' and 'agerange' be present, then 'age' takes precedence over 'agerange'.

- **citizenus**: indicates whether the respondent is a U.S. citizen.

- **bornus**: indicates whether the respondent was born in the U.S.

- **stateborn**: indicates the state in which the respondent was born. This is set to missing (.) if the respondent was not born in the U.S.

- **countryborn**: indicates the country in which the respondent was born. This is set to missing (.) if the respondent was born in the U.S.

- **countryborn_other**: indicates the country of birth if that country is not on the drop down list of countries shown to the respondent'.

- **statereside**: the state in which the respondent is living.

- **immigration_status**: indicates whether the respondent is an immigrant. It takes one of the following values: 0 Non-immigrant, 1 First generation immigrant (immigrant who migrated to the U.S), 2 Second generation immigrant (U.S.-born children of at least one foreign-born parent), 3 Third generation immigrant (U.S.-born children of at least one U.S.-born parent, where at least one grandparent is foreign-born), or 4 Unknown immigrant status.

- **maritalstatus**: the marital status of the respondent.

- **livewithpartner**: indicates whether the respondent lives with a partner.

- **education**: the highest level of education attained by the respondent.

- **hisplatino**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.

- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. This is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino.

- **white**: indicates whether the respondent identifies him or herself as white (Caucasian).

- **black**: indicates whether the respondent identifies him or herself as black (African-American).

- **nativeamer**: indicates whether the respondent identifies him or herself as Native American (American Indian or Alaska Native).

- **asian**: indicates whether the respondent identifies him or herself as Asian (Asian-American).

- **pacific**: indicates whether the respondent identifies him or herself as Native Hawaiian or Other Pacific Islander.

- **race**: indicates the race of the respondent as singular (e.g., '1 White' or '2 Black') or as mixed (in case the respondent identifies with two or more races). The value '6 Mixed' that the respondent answered 'Yes' to at least two of the single race categories. This variable is generated based on the values of the different race variables (white, black, nativeamer, asian, pacific). This composite measure is not conditional on hisplatino, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.

- **working**: indicates whether the respondent is working for pay.

- **sick_leave**: indicates whether the respondent is not working because sick or on leave.

- **unemp_layoff**: indicates whether the respondent is unemployed or on lay off.

- **unemp_look**: indicates whether the respondent is unemployed and looking for a job.

- **retired**: indicates whether the respondent is retired.

- **disabled**: indicates whether the respondent has a disability.

- **lf_other**: specifies other labor force status.

- **laborstatus**: indicates the labor force status of the respondent as singular (e.g., '1 Working for pay' or '2 On sick or other leave') or as mixed (in case the respondent selects two or more labor statuses). The value '8 Mixed' indicates that the respondent answered 'Yes' to at least two of the single labor force status variables. This variable is generated based on the values of the different labor status variables (working, sick_leave, unempl_layoff, unempl_look, retired, disabled, lf_other).

○ **employmenttype**: indicates the employment type of the respondent (employed by the government, by a private company, a nonprofit organization, or self-employed). This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

○ **workfullpart**: indicates whether the respondent works full or part-time. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

○ **hourswork**: indicates the number of hours the respondent works per week. This is set to missing (.) if the respondent is not currently working or currently on sick or other leave.

○ **hhincome**: is the total combined income of all members of the respondent's household (living in their household) during the past 12 months.

○ **anyhhmember**: indicates whether there were any members in the respondent's household at the time he/she answered the survey as reported by the respondent.

○ **hhmembernumber**: indicates the number of household members in the respondent's household at the time of the survey as reported by the respondent. It may be that 'anyhhmember' is 'Yes', but 'hhmembernumber' is missing if the respondent did not provide the number of household members at the time of the survey.

○ **hhmemberin_#**: indicates whether a household member is currently in the household as reported by the respondent. Household members are never removed from the stored household roster and their information is always included in survey data sets. The order of the roster is the same order in which household members were specified by the respondent in the 'MyHousehold' survey. The order is identified by the suffix _# (e.g., _1 indicates the first household member, _2 the second household member, etc.).

As an example, if the first household member is in the household at the time of the survey, 'hhmemberin_1' is set to '1 HH Member 1 is in the HH'; if he/she has moved out, 'hhmemberin_1' is set to '0 HH member 1 is no longer in the HH'. Since information of other household members (stored in the variables listed below) is always included in survey data sets, information about 'hhmemberin_1' is available whether this person is still in the household or has moved out.

○ **hhmembergen_#**: indicates the gender of another household member as reported by the respondent.

○ **hhmemberage_#**: indicates the age of another household member. The age is derived from the month and year of birth of the household member as reported by the respondent.

○ **hhmemberrel_#**: indicates the relationship of the respondent to the other household member as reported by the respondent.

- **hhmemberuasid_#**: is the 'uasid' of the other household member if this person is also a UAS panel member. It is set to missing (.) if this person is not a UAS panel member at the time of the survey. Since this identifier is directly reported by the respondent (chosen from a preloaded list), it may differ from the actual (correct) 'uasid' of the UAS member it refers to because of reporting error. Also, this variable should not be used to identify UAS members in a given household at the time of the survey. This is because the variables 'hhmemberuasid_#' are taken from the most recent 'My Household' and changes in household composition involving UAS members may have occurred between the time of the respondent answered 'My Household' and the time the respondent answers the survey. To follow UAS members of a given household, it is advised to use the identifiers 'uashhid' and 'survhhid'.

- **lastmyhh_date**: the date on which the demographics variables were collected through the 'My Household' survey.

5 DATA CONVENTIONS

Data files provide so-called clean data, that is, answers given to questions that are not applicable anymore at survey completion (for example because a respondent went back in the survey and skipped over a previously answered question) are treated as if the questions were never asked. In the data files all questions that were asked, but not answered by the respondent are marked with (.e). All questions never seen by the respondent (or any dirty data) are marked with (.a). The latter may mean that a respondent did not view the question because s/he skipped over it; or alternatively that s/he never reached that question in the survey due to a survey break off.

If a respondent did not complete a survey, the variables representing survey end date and time are marked with (.c). Household member variables are marked with (.m) if the respondent has less household members (e.g. if the number of household members is 2, any variables for household member 3 and up are marked with (.m).

Formatting wise, in the STATA data sets all questions come with short descriptions (not available in the CSV files). 'Please select one' questions come with value labels for each answer option. In STATA these labels will include the labels 'Not asked' and 'Not answered' for (.a) and (.e), and will show in tabulations such as 'tab q1, missing'. For 'select all that apply' questions a binary variable is created for each answer option indicating whether the option was selected or not. A summary variable is also provided in the format '1-3-2' reflecting which options were selected and in which order. For example, if a question asked about favorite animals with options cat, dog, and horse, then if a respondent selected horse and then cat, the binary variables for horse and cat will be set to yes, while the overall variable would have a string value of '3-1'. If no answer was given, all binary variables and the summary variable will be marked with '.e'.

Questions that are asked multiple times are often implemented as so-called array questions. Supposing the name of such question was Q1 and it was asked in 6 different instances, your data set would contain the variables Q1_1_ to Q1_6_. To illustrate, if a survey asked the names of all children, then child_1_ would contain the name of the first child the respondent names and so on.

More information about the UAS data can be found in the UAS Data Guide available on the UAS Data Pages web site.

6 ROUTING SYNTAX

The survey with routing presented in the next section includes all of the questions that make up this survey, the question answers when choices were provided, and the question routing. The routing includes descriptions of when questions are grouped, conditional logic that determines when questions are presented to the respondent, randomization of questions and answers, and fills of answers from one question to another.

If you are unfamiliar with conditional logic statements, they are typically formatted so that *if* the respondent fulfills some condition (e.g. they have a cellphone or a checking account), *then* they are presented with some other question or the value of some variable is changed. If the respondent does not fulfill the condition (e.g. they are not a cellphone adopter or they do not have a checking account), something *else* happens such as skipping the next question or changing the variable to some other value. Some of the logic involved in the randomization of questions or answers being presented to the respondent is quite complex, and in these instances there is documentation to clarify the process being represented by the routing.

Because logic syntax standards vary, here is a brief introduction to our syntax standards. The syntax used in the conditional statements is as follows: '=' is equal to, '<' is less than, '>' is greater than, and '!=' is used for does not equal. When a variable is set to some number N, the statement looks like 'variable := N'.

The formatting of the questions and routing are designed to make it easier to interpret what is occurring at any given point in the survey. Question ID is the bold text at the top of a question block, followed by the question text and the answer selections. When a question or variable has associated data, the name links to the appropriate data page, so you can easily get directly to the data. Text color is used to indicate the routing: red is conditional logic, gold is question grouping, green is looping, and orange is used to document randomization and other complex conditional logic processes. The routing is written for a computer to parse rather than a human to read, so when the routing diverges significantly from what is displayed to the respondent, a screenshot of what the respondent saw is included.

The name of the randomization variables are defined in proximity to where they are put into play, and like the question ID the names of the randomization variables can be used to link directly to the associated data page.

7 SURVEY WITH ROUTING

Start of section **Preload**

/* The introduction of the survey is customized for respondents depending on whether they are Los Angeles Residents or not. LA residents alternate between a long (UAS235/UAS240 /UAS242/UAS244/UAS246/UAS248/UAS250/UAS252/UAS254/UAS256/UAS258/UAS260/ UAS262/UAS264/UAS266) and short version(UAS236/UAS241/ UAS243/UAS245/UAS247/UAS249/UAS251/UAS253/UAS255/UAS257/UAS259/UAS261/ UAS263/UAS265/UAS267) of the survey every week while everyone else only receives the long version (UAS235/UAS240/ UAS242/UAS244/UAS246/UAS248/UAS250/UAS252/UAS254/UAS256/UAS258/UAS260/UAS262/ UAS264/UAS266) once every two weeks. In this context laresident indicates if a respondent is a LA resident or not.

Variable covidday reflects the day to which respondents have been assigned to answer the survey on. If they do so they receive an additional $1 compensation. The value of covidday can be used to determine the assigned day by adding it as the number of days to the base date 'March 30, 2020'. */
laresident := getCovidLACounty()
covidday := getCovidDay()
/* In several of the questions in this survey respondents are asked to answer in context of a specific time frame reference. This reference is present if they participated in an earlier related survey (UAS230, UAS235, UAS236, UAS240, UAS241, UAS242, UAS243, UAS244, UAS245, UAS246, UAS247, UAS248, UAS249, UAS250, UAS251, UAS252, UAS253, UAS254, UAS255, UAS256, UAS257, UAS258, UAS259, UAS260, UAS261, UAS262, UAS263, UAS264, UAS265 OR UAS267) */
IF getCovid19Preload("endtime") != "" THEN
  FLDateEarlierSurvey := date("F j Y", strtotime(getCovid19Preload("endtime")))
END OF IF

/* For several question series the questions are only asked if they were not answered previously. The variable preload_uas242_244_endtime indicates if respondents completed UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262 or UAS264 per the most recent end date and time for those surveys. */
preload_uas242_244_endtime := getUASPreloadByCovidSuidBySurveySubset("endtime", array(242,244,246,248,250,252,254,256,258,260,262,264))

/* Several question series in the survey are only asked every other survey as indicated by the variable alternatewave. In this survey these questions ARE asked per alternatewave=1.

*/
alternatewave := 1

End of section **Preload**

Start of section **Corona**

cr_intro (Section Corona)
Thank you for agreeing to participate in our ongoing survey which focuses on the impact of the novel coronavirus (COVID-19). We will send you a reminder to check in (Monday/Tuesday/Wednesday/Thursday/Friday/Saturday/Sunday/once a week/every other week/), on (day()), to let us know how the coronavirus epidemic is affecting you. Most of the questions in this survey were asked in previous surveys. Thank you for answering them accurately again, to ensure we always have the most up-to-date information.

cr001_questions := array(1 →"cr001a", 2 →"cr001b", 3 →"cr001c", 4 →"cr001d", 5 →"cr001e", 6 →"cr001f", 7 →"cr001g", 8 →"cr001h", 9 →"cr001i", 10 →"cr001j", 11 →"cr001k", 12 →"cr001l", 13 →"cr001m", 14 →"cr001n", 15 →"cr001o", 16 →"cr001p", 17 →"cr001q", 18 →"cr001r")

/* The question series cr001a to cr001r are presented in random order per variables cr001_order with values:

- 1 Fever or chills (cr001a)

- 2 Runny or stuffy nose (cr001b)

- 3 Chest congestion (cr001c)

- 4 Cough (cr001d)

- 5 Sore throat (cr001e)

- 6 Sneezing (cr001f)

- 7 Muscle or body aches (cr001g)

- 8 Headaches (cr001h)

- 9 Fatigue or tiredness (cr001i)

- 10 Shortness of breath (cr001j)

- 11 Abdominal Discomfort (cr001k)

- 12 Vomiting (cr001l)

- 13 Hair Loss (cr001m)

- 14 Dry skin (cr001n)

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- ○ 15 Body temperature higher than 100.4 F or 38.0 C (cr001o)

- ○ 16 Diarrhea (cr001p)

- ○ 17 Lost sense of smell (cr001q)

- ○ 18 Skin rash (cr001r)

Answer options for all questions in the series are:

- ○ 1 Yes

- ○ 2 No

- ○ 3 Unsure

*/

IF sizeof(cr001_order) = 0 THEN

cr001_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14, 15 →15, 16 →16, 17 →17, 18 →18))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr001_intro (Section Corona)
Have you experienced any of the following symptoms in **the past 7 days**?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 18

/* Question series cr001a to cr001r are presented in random order per variables cr001_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

cr002 (tested for the coronavirus in section Corona)
Have you been tested for coronavirus(**since** ˆ**FLDateEarlierSurvey** (when you last took our coronavirus survey))? If so, what was the result?
1 I have been tested and I tested positive (I had coronavirus)
2 I have been tested and I tested negative (I did **not** have coronavirus)
3 I have been tested and I do not know the result
4 I have not been tested

cr005 (diagnosed with the coronavirus in section Corona)
Whether or not you have had a coronavirus test, has a doctor or another healthcare professional diagnosed you as having or probably having the coronavirus(**since ˆFLDateEarlierSurvey**)?
1 Yes
2 No
3 Unsure

IF cr002 != 1 AND cr005 !=1 THEN
  cr007 (think infected with coronavirus in section Corona)
  Do you think you have been infected with the coronavirus(**since ˆFLDateEarlierSurvey**)?
  1 Yes
  2 No
END OF IF

IF cr002 = 1 OR cr005 = 1 OR cr007 = 1 THEN
  Fill code of question FL_cr011 executed

  cr011 (contacted a doctor, employer, family in section Corona)
  Have you contacted anyone(, other than the medical professionals that tested or diagnosed or treated you,) to inform them you have coronavirus(**since ˆFLDateEarlierSurvey**)?
  1 Yes
  2 No
END OF IF

cr013 (have health insurance in section Corona)
Do you currently have health insurance?
1 Yes
2 No
3 Unsure

End of section **Corona**

Start of section **Behavior**

cr015_questions := array(1 →"cr015a", 2 →"cr015b", 3 →"cr015c", 4 →"cr015d", 5 →"cr015e", 6 →"cr015f", 7 →"cr015g", 8 →"cr015h", 9 →"cr015i", 10 →"cr015j", 11 →"cr015k", 12 →"cr015l", 13 →"cr015m", 14 →"cr015n", 15 →"cr015o", 16 →"cr015p", 17 →"cr015r", 18 →"cr015s")

/* The question series cr015a to cr015s are presented in random order per variables

cr015_order with values (except for cr015o and cr015p which are not asked as they were replaced by cr015r and cr015s):

- 1 Gone out to a bar, club, or other place where people gather (cr015a)

- 2 Gone to the grocery store or pharmacy (cr015b)

- 3 Gone to a friend, neighbor, or relative's residence (that is not your own) (cr015c)

- 4 Had visitors such as friends, neighbors or relatives at your residence (cr015d)

- 5 Attended a gathering with more than 10 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (cr015e)

- 6 Sought care from a hospital or health care facility (cr015f)

- 7 Been placed in isolation or quarantine (cr015g)

- 8 Remained in your residence at all times, except for essential activities or exercise (cr015h)

- 9 Shared items like towels or utensils with other people (cr015i)

- 10 Had close contact (within 6 feet) with people who live with you (cr015j)

- 11 Had close contact (within 6 feet) with people who do not live with you (cr015k)

- 12 Gone outside to walk, hike, or exercise (cr015l)

- 13 Attended a political rally, protest, or demonstration. (cr015m)

- 14 Attended an in-person religious service (cr015n)

- 15 Traveled for work (cr015o)

- 16 Traveled for pleasure or personal reasons (cr015p)

- 17 Traveled by airplane (cr015r)

- 18 Traveled by public transportation (bus, subway, commuter rail, etc.) (cr015s)

Answer options for all questions in the series are:

- 1 Yes

- 2 No

- 3 Unsure

*/

IF sizeof(cr015_order) = 0 THEN

cr015_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14, 17 →17, 18 →18))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr015_intro (Section Behavior)
In the last **seven days**, have you done the following:

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 18

IF cr015_questions(cr015_order(cnt)) = RESPONSE THEN

/* Question series cr015a to cr015l are presented in random order per variables cr015_order as described above. */

END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF cr015a = 1 OR cr015b = 1 OR cr015c = 1 OR cr015d = 1 OR cr015e = 1 OR cr015f = 1 OR cr015k = 1 OR cr015l = 1 OR cr015m = 1 OR cr015n = 1 OR cr015r = 1 OR cr015s = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr069_intro (Section Behavior)
For each of the following activities, please indicate how often, if ever, you wore a mask or face covering.

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 16

IF cr015_order(cnt) = 1 AND cr015a = 1 THEN

cr069a (face mask gone out to a bar, club, or other place where people gather in section Behavior)
When you went to a bar, club, or other place where people gather
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 2 AND cr015b = 1 THEN

cr069b (face mask gone to the grocery store or pharmacy in section Behavior)
When you went to the grocery store or pharmacy
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 3 AND cr015c = 1 THEN

cr069c (face mask friend, neighbor, or other relative's residence in section Behavior)
When you went to a friend, neighbor, or other relative's residence
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 4 AND cr015d = 1 THEN

cr069d (face mask visitors such as friends, neighbors, or relatives at residence in section Behavior)
When you had visitors such as friends, neighbors, or relatives at your residence
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 5 AND cr015e = 1 THEN

cr069e (face mask attended a gathering with more than 10 people in section Behavior)
When you attended a gathering with more than 10 people
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 6 AND cr015f = 1 THEN

cr069f (face mask sought care from a hospital or health care facility in section Behavior)
When you sought care from a hospital or health care facility
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 11 AND cr015k = 1 THEN

cr069k (face mask had close contact (within 6 feet) with people who do not live with you in section Behavior)
When you had close contact (within 6 feet) with people who do not live with you
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 12 AND cr015l = 1 THEN

cr069l (face mask gone outside to walk, hike, or exercise in section Behavior)
When you went outside to walk, hike or exercise
1 Always
2 Most of the time
3 Sometimes
4 Rarely

5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 13 AND cr015m = 1 THEN

cr069m (face mask attended a political rally, protest, or demonstration in section Behavior)
When you attended a political rally, protest, or demonstration
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 14 AND cr015n = 1 THEN

cr069n (face mask attended an in-person religious service in section Behavior)
When you attended an in-person religious service
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 17 AND cr015r = 1 THEN

cr069r (face mask traveled by airplane in section Behavior)
When you traveled by airplane
1 Always
2 Most of the time
3 Sometimes
4 Rarely
5 Never
6 Unsure

ELSEIF cr015_order(cnt) = 18 AND cr015s = 1 THEN

cr069s (face mask traveled by public transportation (bus, subway, commuter rail, etc.) in section Behavior)
When you traveled by public transportation (bus, subway, commuter rail, etc.)
1 Always
2 Most of the time
3 Sometimes

4 Rarely
    5 Never
    6 Unsure

END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

END OF IF

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
cr070_questions := array(1 →"cr070a", 2 →"cr070b", 3 →"cr070c", 4 →"cr070d", 5 →"cr070e", 6 →"cr070f", 7 →"cr070g", 8 →"cr070h", 9 →"cr070i", 10 →"cr070j", 11 →"cr070k", 12 →"cr070l")

/* The question series cr070a to cr070l are presented in random order per variables cr070_order with values:

- 1 Wearing a mask helps keep me safe from coronavirus (cr070a)

- 2 Wearing a mask helps keep others safe from coronavirus (cr070b)

- 3 Wearing a mask is dangerous to my health (cr070c)

- 4 Wearing a mask is a political statement (cr070d)

- 5 Wearing a mask is not needed because I am not infected (cr070e)

- 6 Wearing a mask is not needed when I am with other people who are healthy (cr070f)

- 7 Others may feel threatened if I cover my face (cr070g)

- 8 I keep enough distance so that I don't need a mask (cr070h)

- 9 We live in a free country and no one can force me to wear a mask (cr070i)

- 10 I would like to wear a mask, but I cannot afford to buy one (cr070j)

- 11 Wearing a mask is unnecessary because coronavirus is not a serious threat to people like me (cr070k)

- 12 A mask is too uncomfortable to wear (cr070l)

IF sizeof(cr070_order) = 0 THEN
   cr070_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr070_intro (Section Behavior)
We would like to learn your general opinion about wearing a mask or face covering. Do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 12

/* Question series cr070a to cr070l are presented in random order per variables cr070_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP
END OF IF

cr016_questions := array(1 →"cr016b", 6 →"cr016g", 9 →"cr016j", 10 →"cr016k", 11 →"cr016l", 12 →"cr016m", 14 →"cr016o", 15 →"cr016p")

/* The question series cr016b to cr016r are presented in random order per variables cr016_order with values; however in this survey variable cr016a, cr016c, cr016d, cr016e, cr016f, cr016h, cr016n, cr016q and cr016r have been intentionally omitted):

- 1 Washed your hands with soap or used hand sanitizer several times per day (cr016b)

- 6 Visited a doctor (cr016g)

- 9 Avoided contact with people who could be high-risk (cr016j)

- 10 Avoided public spaces, gatherings, or crowds (cr016k)

- 11 Prayed (cr016l)

- 12 Avoided eating at restaurants (cr016m)

- 14 Worked or studied at home (cr016o)

- 15 Worn a mask or other face covering (cr016p)

Answer options for all questions in the series are:

- 1 Yes

- 2 No

- 3 Unsure

*/

IF sizeof(cr016_order) = 0 THEN
cr016_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14, 15 →15, 16 →16))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr016_intro (Section Behavior)
Which of the following have you done in the **last seven days** to keep yourself safe from coronavirus?

Only consider actions that you took or decisions that you made personally.

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 16

IF cr016_questions(cr016_order(cnt)) = RESPONSE THEN

/* Question series cr016b to cr016r are presented in random order per variables cr016_order as described above. */

END OF IF

cr017a (currently federal, state, or local governments encouraged to limit non-essential travel in section Behavior)
Are Federal, state, or local governments **currently encouraging** you to limit non-essential travel?
1 Yes
2 No
3 Unsure

cr018a (currently federal, state, or local governments required to limit non-essential travel in section Behavior)
Are Federal, state, or local governments **currently requiring** you to limit non-essential travel?
1 Yes
2 No
3 Unsure

cr019_questions := array(1 →"cr019a", 2 →"cr019b", 3 →"cr019c", 4 →"cr019d", 5 →"cr019e", 6 →"cr019f", 7 →"cr019g", 8 →"cr019h", 9 →"cr019i", 10 →"cr019j")

/* The question series cr019a to cr019j are presented in random order per variables cr019_order with values:

- 1 Wearing a face mask such as the one shown here (cr019a)

- 2 Praying (cr019b)

- 3 Washing your hands with soap or using hand sanitizer frequently (cr019c)

- 4 Seeing a doctor if you feel sick (cr019d)

- 5 Seeing a doctor if you feel healthy but worry that you were exposed (cr019e)

- 6 Avoiding public spaces, gatherings, and crowds (cr019f)

- 7 Avoiding contact with people who could be high-risk (cr019g)

- 8 Avoiding hospitals and clinics (cr019h)

- 9 Avoiding restaurants (cr019i)

- 10 Avoiding airplanes (cr019j)

Answer options for all questions in the series are:

- ○ 1 Extremely Ineffective

- ○ 2 Somewhat Ineffective

- ○ 3 Somewhat Effective

- ○ 4 Extremely Effective

- ○ 5 Unsure

*/

IF sizeof(cr019_order) = 0 THEN
  cr019_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9
  →9, 10 →10))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr019_intro (Section Behavior)
How effective are the following actions for keeping you safe from coronavirus?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 10

/* Question series cr019a to cr019j are presented in random order per variables
cr019_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

cr020_questions := array(1 →"cr020a", 2 →"cr020b", 3 →"cr020c", 4 →"cr020d", 5 →"cr020e",
6 →"cr020f", 7 →"cr020g", 8 →"cr020h", 9 →"cr020i", 10 →"cr020j", 11 →"cr020k", 12
→"cr020l", 13 →"cr020m")

/* The question series cr020a to cr020m are presented in random order per variables
cr020_order with values:

- ○ 1 Grocery shopping (cr020a)

- ○ 2 Attending gatherings of more than 100 people (cr020b)

- ○ 3 Going to the hospital (cr020c)

- ○ 4 Dining in at restaurants (cr020d)

- ○ 5 Eating take-out meals from restaurants (cr020e)

- ○ 6 Visiting with relatives or friends in their home (cr020f)

- ○ 7 Handling packages that have been delivered (cr020g)

- ○ 8 Playing on playground equipment (cr020h)

- ○ 9 Touching door knobs, countertops, and other surfaces in your home (cr020i)

- ○ 10 Interacting closely with other members of your household (cr020j)

- ○ 11 Going outside to walk, hike, or exercise (cr020k)

- ○ 12 Eating or drinking in a place that provides table service and has implemented social distancing guidelines (cr020l)

- ○ 13 Curb-side pick-up of store purchases (cr020m)

Answer options for all questions in the series are:

- ○ 1 Extremely Safe

- ○ 2 Somewhat Safe

- ○ 3 Somewhat Unsafe

- ○ 4 Extremely Unsafe

- ○ 5 Unsure

*/

IF sizeof(cr020_order) = 0 THEN

cr020_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr020_intro (Section Behavior)
How safe or unsafe are the following actions for avoiding exposure to coronavirus?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 13

/* Question series cr020a to cr020m are presented in random order per variables cr020_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
cr021 (how many family or close friends in section Behavior)
We'd like to ask about your family, as well as your close friends. How many family or close friends do you have? Only include people who are still alive, regardless of where they live.
RANGE 0..9223372036854775807

IF cr021 > 999 THEN
cr021_warning (warning how many family or close friends in section Behavior)
Do you really have (how many family or close friends()) family and close friends? If so, click "Next" to continue.
END OF IF

IF cr021 > 0 THEN
cr022 (infected how many family or close friends in section Behavior)
You said that you have (how many family or close friends()) family and close friends. Of these people, how many do you think have been infected with the coronavirus?
RANGE 0..9223372036854775807

IF cr022 > cr021 THEN
cr022_warning (Section Behavior)
You said you know (how many family or close friends()) people but that (infected how many family or close friends()) people have been infected. Please go back and correct your answer(s).
ELSEIF cr022 > 999 THEN
cr022_warning2 (Section Behavior)
Do you really know (infected how many family or close friends()) people who have been infected? If so, click "Next" to continue.
END OF IF

cr022a (hospitalized how many family or close friends in section Behavior)
You said that you have (how many family or close friends()) family and close friends. Of these people, how many do you think have been hospitalized (spent at least one night

30

in the hospital) from the coronavirus?
RANGE 0..9223372036854775807

IF cr022a > cr021 THEN
cr022a_warning (Section Behavior)
You said you know (how many family or close friends()) people but that (hospitalized how many family or close friends()) people have been hospitalized. Please go back and correct your answer(s).
ELSEIF cr022a > 999 THEN
cr022a_warning2 (Section Behavior)
Do you really know (hospitalized how many family or close friends()) people who have been hospitalized? If so, click "Next" to continue.
END OF IF

cr022b (died how many family or close friends in section Behavior)
You said that you have (how many family or close friends()) family and close friends. Of these people, how many do you think have died from the coronavirus?
RANGE 0..9223372036854775807

IF cr022b > cr021 THEN
cr022b_warning (Section Behavior)
You said you know (how many family or close friends()) people but that (died how many family or close friends()) people have died. Please go back and correct your answer(s).
ELSEIF cr022b > 999 THEN
cr022b_warning2 (Section Behavior)
Do you really know (died how many family or close friends()) people who have died? If so, click "Next" to continue.
END OF IF
END OF IF
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr023 (chance get coronavirus in next 3 months in section Behavior)
On a scale of 0 to 100 percent, what is the chance that you will get the coronavirus in the **next three months**? If you're not sure, please give your best guess.
RANGE 0..100

cr_error (Section Corona)
Please enter a number between 0% and 100%.

/* Questions cr053a to cr053f and cr054 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, US246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262 or UAS264. */

IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr053a := getUASPreloadByCovidSuidBySurveySubset("cr053a", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr053b := getUASPreloadByCovidSuidBySurveySubset("cr053b", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr053c := getUASPreloadByCovidSuidBySurveySubset("cr053c", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr053d := getUASPreloadByCovidSuidBySurveySubset("cr053d", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr053e := getUASPreloadByCovidSuidBySurveySubset("cr053e", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr053f := getUASPreloadByCovidSuidBySurveySubset("cr053f", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr054 := getUASPreloadByCovidSuidBySurveySubset("cr054", array(242,244,246,248,250,252,254,256,258,260,262,264))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr023b (chance hospitalized if get coronavirus in section Behavior)
If you do get the coronavirus, what is the percent chance you will be hospitalized (spend at least one night in the hospital) from it? If you're not sure, please give your best guess.
RANGE 0..100

cr_error (Section Corona)
Please enter a number between 0% and 100%.

/* Questions cr055a to cr055j are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262 or UAS264. */

IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr055a := getUASPreloadByCovidSuidBySurveySubset("cr055a", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr055b := getUASPreloadByCovidSuidBySurveySubset("cr055b", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr055c := getUASPreloadByCovidSuidBySurveySubset("cr055c", array(242,244,246,248,250,252,254,256,258,260,262,264))

```
preload_cr055d    :=    getUASPreloadByCovidSuidBySurveySubset("cr055d",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr055e    :=    getUASPreloadByCovidSuidBySurveySubset("cr055e",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr055f    :=    getUASPreloadByCovidSuidBySurveySubset("cr055f",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr055g    :=    getUASPreloadByCovidSuidBySurveySubset("cr055g",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr055h    :=    getUASPreloadByCovidSuidBySurveySubset("cr055h",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr055i    :=    getUASPreloadByCovidSuidBySurveySubset("cr055i",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr055j    :=    getUASPreloadByCovidSuidBySurveySubset("cr055j",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr024 (chance die from coronavirus in section Behavior)
If you do get the coronavirus, what is the percent chance you will die from it? If you're
not sure, please give your best guess.
RANGE 0..100

cr_error (Section Corona)
Please enter a number between 0% and 100%.

END OF GROUP

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
cr025_questions := array(1 →"cr025a", 2 →"cr025b", 3 →"cr025c", 4 →"cr025d")

/* The question series cr025a to cr025d are presented in random order per vari-
ables cr025_order with values:

- 1 Have many known harmful side effects (cr025a)

- 2 Provide important benefits to society (cr025b)

- 3 May lead to illness and death (cr025c)

- 4 Are useful and effective (cr025d)

Answer options for all questions in the series are:

IF sizeof(cr025_order) = 0 THEN
  cr025_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr025_intro (Section Behavior)
Do you agree or disagree with the following statements?

Childhood vaccines, such as those for measles and chickenpox:

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/* Question series cr025a to cr025d are presented in random order per variables cr025_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

cr030 (how likely to get vaccinated for coronavirus once vaccination in section Behavior)
How likely are you to get vaccinated for coronavirus once a vaccine is available to the public?
1 Very unlikely
2 Somewhat unlikely
3 Somewhat likely
4 Very likely
5 Unsure
END OF IF

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN

cr031_questions := array(1 →"cr031a", 2 →"cr031b", 3 →"cr031c", 4 →"cr031d")

/* The question series cr031a to cr031d are presented in random order per variables cr031_order with values:

- 1 Most people believe that people with coronavirus are dangerous (cr031a)

- 2 Most people believe that people who used to have coronavirus are dangerous (cr031b)

- 3 Most people believe that having coronavirus is a sign of personal weakness or failure (cr031c)

- 4 If I caught the coronavirus, I would consider it a sign of my personal weakness or failure (cr031d)

Answer options for all questions in the series are:

- 1 Strongly disagree

- 2 Somewhat disagree

- 3 Somewhat agree

- 4 Strongly agree

*/

IF sizeof(cr031_order) = 0 THEN

cr031_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr031_intro (Section Behavior)
Do you agree or disagree with the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/* Question series cr031a to cr031d are presented in random order per variables cr031_order as described above. */

END OF LOOP

| END OF GROUP
END OF IF

End of section **Behavior**

Start of section **Abuse**

cr026_questions := array(1 →"cr026a", 2 →"cr026b", 3 →"cr026c", 4 →"cr026d", 5 →"cr026e", 6 →"cr026f", 7 →"cr026g", 8 →"cr026h", 9 →"cr026i", 10 →"cr026j", 11 →"cr026k", 12 →"cr026l", 13 →"cr026m")

/* The question series cr026a to cr026m are presented in random order per variables cr026_order with values:

- 1 Drank alcohol (cr026a)

- 2 Used cannabis products such as marijuana (cr026b)

- 3 Used recreational drugs other than alcohol or cannabis products (cr026c)

- 4 Meditated (cr026d)

- 5 Got extra exercise (cr026e)

- 6 Made time to relax (cr026f)

- 7 Connected socially with friends or family (either online or in person) (cr026g)

- 8 Spent time posting or browsing on Facebook, Twitter, Instagram, or Snapchat (cr026h)

- 9 Had a phone call or video call with a family member or a friend (cr026i)

- 10 Messaged or emailed with a family member or friend (cr026j)

- 11 Spent time interacting with a family member or friend in person (cr026k)

- 12 Smoked all or part of a cigarette (cr026l)

- 13 Used an e-cigarette or vaping device to vape e-liquids with nicotine (cr026m)

Answer options for all questions in the series are:

- 0 0 days

- 1 1 day

- 2 2 days

  ○ 3 3 days

  ○ 4 4 days

  ○ 5 5 days

  ○ 6 6 days

  ○ 7 7 days

*/

IF sizeof(cr026_order) = 0 THEN
> cr026_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr026_intro (Section Abuse)
Out of **the past 7 days**, what is your best estimate of the number of days that you did each of the following activities?

SUBGROUP OF QUESTIONS

> LOOP FROM 1 TO 7
>
> > /* Question series cr026a to cr026m are presented in random order per variables cr026_order as described above. */
>
> END OF LOOP

END OF SUBGROUP

END OF GROUP

/* Questions cr056a to cr056i and cr056i_other are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260 UAS262 or UAS264. */
IF preload_uas242_244_endtime = RESPONSE THEN

> preload_cr056a := getUASPreloadByCovidSuidBySurveySubset("cr056a", array(242,244,246,248,250,252,254,256,258,260,262,264))
> preload_cr056b := getUASPreloadByCovidSuidBySurveySubset("cr056b", array(242,244,246,248,250,252,254,256,258,260,262,264))
> preload_cr056c := getUASPreloadByCovidSuidBySurveySubset("cr056c", array(242,244,246,248,250,252,254,256,258,260,262,264))

preload_cr056d := getUASPreloadByCovidSuidBySurveySubset("cr056d", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr056e := getUASPreloadByCovidSuidBySurveySubset("cr056e", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr056f := getUASPreloadByCovidSuidBySurveySubset("cr056f", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr056g := getUASPreloadByCovidSuidBySurveySubset("cr056g", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr056h := getUASPreloadByCovidSuidBySurveySubset("cr056h", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr056i := getUASPreloadByCovidSuidBySurveySubset("cr056i", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr056i_other := getUASPreloadByCovidSuidBySurveySubset("cr056i_other", array(242,244,246,248,250,252,254,256,258,260,262,264))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr026_intro (Section Abuse)
Out of **the past 7 days**, what is your best estimate of the number of days that you did each of the following activities?

SUBGROUP OF QUESTIONS

LOOP FROM 8 TO 13

/* Question series cr026a to cr026m are presented in random order per variables cr026_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF cr026a > 0 THEN
cr026a2 (how many alcoholic drinks on typical day in section Abuse)
In the **past seven days**, how many alcoholic drinks did you have on a typical day when you drank alcohol?
RANGE 1..30

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
IF gender = EMPTY THEN

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gender (R GENDER in section Demographics)
What is your gender?
1 Male
2 Female
END OF IF

IF gender = 1 THEN

cr050m (male 5 or more alcoholic beverages within a couple of hours in section Abuse)
In the past seven days, on how many days did you drink **5 or more** alcoholic beverages within a couple of hours?

0 0 days
1 1 day
2 2 days
3 3 days
4 4 days
5 5 days
6 6 days
7 7 days
ELSE
cr050f (female 4 or more alcoholic beverages within a couple of hours in section Abuse)
In the past seven days, on how many days did you drink **4 or more** alcoholic beverages within a couple of hours?

0 0 days
1 1 day
2 2 days
3 3 days
4 4 days
5 5 days
6 6 days
7 7 days
END OF IF
END OF IF
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr027_intro (Section Abuse)
Over the **past fourteen days**, how often have you been bothered by any of the following problems?

39

cr027a (how often Feeling nervous, anxious, or on edge in section Abuse)
Feeling nervous, anxious, or on edge
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

cr027b (how often Not being able to stop or control worrying in section Abuse)
Not being able to stop or control worrying
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

cr027c (how often Feeling down, depressed, or hopeless in section Abuse)
Feeling down, depressed, or hopeless
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

cr027d (how often Little interest or pleasure in doing things in section Abuse)
Little interest or pleasure in doing things
1 Not at all
2 Several days
3 More than half the days
4 Nearly every day

END OF SUBGROUP

END OF GROUP

/* Questions cr057a to cr057i are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262 or UAS264. */
IF preload_uas242_244_endtime = RESPONSE THEN

preload_cr057a := getUASPreloadByCovidSuidBySurveySubset("cr057a", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057b := getUASPreloadByCovidSuidBySurveySubset("cr057b", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057c := getUASPreloadByCovidSuidBySurveySubset("cr057c", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057d := getUASPreloadByCovidSuidBySurveySubset("cr057d", ar-

```
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057e   :=   getUASPreloadByCovidSuidBySurveySubset("cr057e",   ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057f   :=   getUASPreloadByCovidSuidBySurveySubset("cr057f",   ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057g   :=   getUASPreloadByCovidSuidBySurveySubset("cr057g",   ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057h   :=   getUASPreloadByCovidSuidBySurveySubset("cr057h",   ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr057i   :=   getUASPreloadByCovidSuidBySurveySubset("cr057i",   ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
```

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr028_intro (Section Abuse)
In the **past fourteen days**, how often have you felt:

SUBGROUP OF QUESTIONS

cr028a (That you were unable to control the important things in your life in section Abuse)
That you were unable to control the important things in your life?
1 Never
2 Almost Never
3 Sometimes
4 Fairly Often
5 Very Often

cr028b (Confident about your ability to handle personal problems in section Abuse)
Confident about your ability to handle personal problems?
1 Never
2 Almost Never
3 Sometimes
4 Fairly Often
5 Very Often

cr028c (That things were going your way in section Abuse)
That things were going your way?
1 Never
2 Almost Never
3 Sometimes
4 Fairly Often
5 Very Often

cr028d (Difficulties were piling up so high that you could not overcome them in section Abuse)
Difficulties were piling up so high that you could not overcome them?
1 Never
2 Almost Never
3 Sometimes
4 Fairly Often
5 Very Often

END OF SUBGROUP

END OF GROUP

IF preload_cr053a = EMPTY AND preload_cr053b = EMPTY AND preload_cr053c = EMPTY AND preload_cr053d = EMPTY AND preload_cr053e = EMPTY AND preload_cr053f = EMPTY THEN

cr053_questions := array(1 →"cr053a", 2 →"cr053b", 3 →"cr053c", 4 →"cr053d", 5 →"cr053e", 6 →"cr053f")

/* The question series cr053a to cr053f are presented in random order per variables cr053_order with values:

- 1 I tend to bounce back quickly after hard times (cr053a)

- 2 I have a hard time making it through stressful events (cr053b)

- 3 It does not take me long to recover from a stressful event (cr053c)

- 4 It is hard for me to snap back when something bad happens (cr053d)

- 5 I usually come through difficult times with little trouble (cr053e)

- 6 I tend to take a long time to get over set-backs in my life (cr053f)

Answer options for all questions in the series are:

- 1 Strongly disagree

- 2 Disagree

- 3 Neutral

- 4 Agree

- 5 Strongly agree

*/

IF sizeof(cr053_order) = 0 THEN

cr053_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr053_intro (Section Abuse)
How strongly do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

/* Question series cr053a to cr053f are presented in random order per variables cr053_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP
ELSE
cr053a := preload_cr053a
cr053b := preload_cr053b
cr053c := preload_cr053c
cr053d := preload_cr053d
cr053e := preload_cr053e
cr053f := preload_cr053f

END OF IF

IF preload_cr054 = EMPTY THEN

/* The answer options in cr054 are presented in random order per variables cr054_order with values:

○ 1 Diabetes

○ 2 Cancer (other than skin cancer)

○ 3 Heart disease

○ 4 High blood pressure

○ 5 Asthma

○ 6 Chronic lung disease such as COPD or emphysema

○ 7 Kidney disease

IF sizeof(cr054_order) = 0 THEN
  cr054_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
  cr054_order(9) := 9
  cr054_order(10) := 10
  cr054_order(11) := 11
END OF IF

cr054 (doctor told medical conditoons in section Abuse)
Have you ever been told by a doctor, nurse, or other health professional that you have any of the following medical conditions? (please select all that apply)
1 Diabetes
2 Cancer (other than skin cancer)
3 Heart disease
4 High blood pressure
5 Asthma
6 Chronic lung disease such as COPD or emphysema
7 Kidney disease
8 Autoimmune disorder such as rheumatoid arthritis or Crohn's Disease
9 A mental health condition
10 Obesity
11 None of the above
ELSE
  cr054 := preload_cr054
END OF IF

IF preload_cr056a = EMPTY AND preload_cr056b = EMPTY AND preload_cr056c = EMPTY AND preload_cr056d = EMPTY AND preload_cr056e = EMPTY AND preload_cr056f = EMPTY AND preload_cr056g = EMPTY AND preload_cr056h = EMPTY AND preload_cr056i = EMPTY THEN
  cr056_questions := array(1 →"cr056a", 2 →"cr056b", 3 →"cr056c", 4 →"cr056d", 5 →"cr056e", 6 →"cr056f", 7 →"cr056g", 8 →"cr056h", 9 →"cr056i")

- ○ 1 An anxiety disorder (cr056a)

- ○ 2 Attention deficit hyperactivity disorder (ADHD) (cr056b)

- ○ 3 Bipolar disorder (cr056c)

- ○ 4 An eating disorder (cr056d)

- ○ 5 Depression or another depressive disorder (cr056e)

- ○ 6 Obsessive-compulsive disorder (OCD) (cr056f)

- ○ 7 Post-traumatic stress disorder (PTSD) (cr056g)

- ○ 8 Schizophrenia or another psychotic disorder (cr056h)

- ○ 9 Other (cr056i)

Answer options for all questions in the series are:

- ○ 1 Yes

- ○ 2 No

- ○ 3 Unsure

Note: 'Other' is always presented last. */

IF sizeof(cr056_order) = 0 THEN
 cr056_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
 cr056_order(9) := 9
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr056_intro (Section Abuse)
Which of the following mental health conditions has a doctor or another health professional ever told you that you have?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 9

/* Question series cr056a to cr056i are presented in random order per variables cr056_order as described above. */

END OF LOOP

cr056i_other (specify other mental issue in section Abuse)
STRING

END OF GROUP
ELSE
cr056a := preload_cr056a
cr056b := preload_cr056b
cr056c := preload_cr056c
cr056d := preload_cr056d
cr056e := preload_cr056e
cr056f := preload_cr056f
cr056g := preload_cr056g
cr056h := preload_cr056h
cr056i := preload_cr056i
cr056i_other := preload_cr056i_other
END OF IF

IF preload_cr054 = EMPTY THEN
IF 1 IN cr054 THEN
cr055a (since when diabetes in section Abuse)
Did the doctor or other health professional first say that you have **diabetes** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure
END OF IF

IF 2 IN cr054 THEN
cr055b (since when cancer (other than skin cancer) in section Abuse)
Did the doctor or other health professional first say that you have **cancer (other than skin cancer)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure
END OF IF

IF 3 IN cr054 THEN
cr055c (since when heart disease in section Abuse)
Did the doctor or other health professional first say that you have **heart disease** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020

| 3 Unsure

cr055d (since when high blood pressure in section Abuse)
Did the doctor or other health professional first say that you have **high blood pressure** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

cr055e (since when asthma in section Abuse)
Did the doctor or other health professional first say that you have **asthma** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

cr055f (since when chronic lung disease such as COPD or emphysema in section Abuse)
Did the doctor or other health professional first say that you have **chronic lung disease such as COPD or emphysema** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

cr055g (since when kidney disease in section Abuse)
Did the doctor or other health professional first say that you have **kidney disease** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

cr055h (since when an autoimmune disorder such as rheumatoid arthritis or Crohn's disease in section Abuse)
Did the doctor or other health professional first say that you have **an autoimmune**

disorder such as rheumatoid arthritis or Crohn's disease before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure
END OF IF

IF 9 IN cr054 THEN
cr055i (since when a mental health condition in section Abuse)
Did the doctor or other health professional first say that you have **a mental health condition** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure
END OF IF

IF 10 IN cr054 THEN
cr055j (since when obesity in section Abuse)
Did the doctor or other health professional first say that you have **obesity** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure
END OF IF
ELSE
cr055a := preload_cr055a
cr055b := preload_cr055b
cr055c := preload_cr055c
cr055d := preload_cr055d
cr055e := preload_cr055e
cr055f := preload_cr055f
cr055g := preload_cr055g
cr055h := preload_cr055h
cr055i := preload_cr055i
cr055j := preload_cr055j
END OF IF

IF preload_cr056a = EMPTY AND preload_cr056b = EMPTY AND preload_cr056c = EMPTY AND preload_cr056d = EMPTY AND preload_cr056e = EMPTY AND preload_cr056f = EMPTY AND preload_cr056g = EMPTY AND preload_cr056h = EMPTY AND preload_cr056i = EMPTY THEN
LOOP FROM 1 TO 10

IF cr056_order(cnt) = 1 AND cr056a = 1 THEN

cr057a (since when an anxiety disorder in section Abuse)
Did the doctor or other health professional first say that you have **an anxiety disorder** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 2 AND cr056b = 1 THEN

cr057b (since when attention deficit hyperactivity disorder (ADHD) in section Abuse)
Did the doctor or other health professional first say that you have **attention deficit hyperactivity disorder (ADHD)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 3 AND cr056c = 1 THEN

cr057c (since when bipolar disorder in section Abuse)
Did the doctor or other health professional first say that you have **bipolar disorder** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 4 AND cr056d = 1 THEN

cr057d (since when an eating disorder in section Abuse)
Did the doctor or other health professional first say that you have **an eating disorder** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 5 AND cr056e = 1 THEN

cr057e (since when depression or another depressive disorder in section Abuse)
Did the doctor or other health professional first say that you have **depression or another depressive disorder** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 6 AND cr056f = 1 THEN

cr057f (since when obsessive-compulsive disorder (OCD) in section Abuse)
Did the doctor or other health professional first say that you have **obsessive-compulsive disorder (OCD)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 7 AND cr056g = 1 THEN

cr057g (since when post-traumatic stress disorder (PTSD) in section Abuse)
Did the doctor or other health professional first say that you have **post-traumatic stress disorder (PTSD)** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 8 AND cr056h = 1 THEN

cr057h (since when schizophrenia or another psychotic disorder in section Abuse)
Did the doctor or other health professional first say that you have **schizophrenia or another psychotic disorder** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

ELSEIF cr056_order(cnt) = 9 AND cr056i = 1 THEN

cr057i (since when other mental issue in section Abuse)
Did the doctor or other health professional first say that you have **another mental health condition ((specify other mental issue()))** before or after March 10, 2020?
1 Before March 10, 2020
2 After March 10, 2020
3 Unsure

END OF IF

END OF LOOP
ELSE
cr057a := preload_cr057a
cr057b := preload_cr057b
cr057c := preload_cr057c
cr057d := preload_cr057d

```
cr057e := preload_cr057e
cr057f := preload_cr057f
cr057g := preload_cr057g
cr057h := preload_cr057h
cr057i := preload_cr057i
```
END OF IF

cr058 (how often have you felt lonely in section Abuse)
In the past 7 days, how often have you felt lonely?
1 Not at all or less than 1 day
2 1-2 days
3 3-4 days
4 5-7 days

cr071 (current weight in section Behavior)
We are interested in understanding how the coronavirus epidemic may be affecting the health of U.S. residents.

About how much do you weigh? (enter your weight in pounds)
RANGE 50..400

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr059_intro (Section Abuse)
Have you received any of the following services from a mental health provider in the **past 14 days**?

SUBGROUP OF QUESTIONS

cr059a (An in-person appointment in section Abuse)
An in-person appointment
1 Yes
2 No
3 Unsure

cr059b (A live video, phone, or chat interaction in section Abuse)
A live video, phone, or chat interaction
1 Yes
2 No
3 Unsure

cr059c (Non-live communication (such as by email) in section Abuse)

Non-live communication (such as by email)
1 Yes
2 No
3 Unsure

cr067_intro (Section Abuse)
Since **(ˆFLDateEarlierSurvey/March 2020)**, how often have any of the following things happened to you in your day-to-day life because of your actual or perceived race, ethnicity, age, gender, health, income, education, religion, or some other personal characteristic?

cr067a (You were treated with less courtesy or respect than other people in section Abuse)
You were treated with less courtesy or respect than other people
1 Almost every day
2 At least once a week
3 A few times a month
4 Once a month or less
5 Never

cr067b (You received poorer service than other people at restaurants or stores in section Abuse)
You received poorer service than other people at restaurants or stores
1 Almost every day
2 At least once a week
3 A few times a month
4 Once a month or less
5 Never

cr067c (People acted as if they thought you were not smart in section Abuse)
People acted as if they thought you were not smart
1 Almost every day
2 At least once a week
3 A few times a month
4 Once a month or less
5 Never

cr067d (People acted as if they were afraid of you in section Abuse)
People acted as if they were afraid of you
1 Almost every day
2 At least once a week
3 A few times a month
4 Once a month or less
5 Never

cr067e (You were threatened or harassed in section Abuse)
You were threatened or harassed
1 Almost every day
2 At least once a week
3 A few times a month
4 Once a month or less
5 Never

END OF SUBGROUP

END OF GROUP

IF cr067a IN (1,2,3,4) OR cr067b IN (1,2,3,4) OR cr067c IN (1,2,3,4) OR cr067d IN (1,2,3,4) OR cr067e IN (1,2,3,4) THEN
/* The answer options for cr068 are presented in random order per variables cr068_order with values:

- 1 Your ancestry, ethnicity, or national origin

- 2 Your gender

- 3 Your race

- 4 Your shade of skin color

- 5 Your age

- 6 Your religion

- 7 Your height

- 8 Your weight

- 9 Some other aspect of your physical appearance

- 10 Your sexual orientation

- 11 Your education or income level

- 12 A physical disability

Note: the 'Other' option is always presented last. */

IF sizeof(cr068_order) = 0 THEN
  cr068_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13, 14 →14))
  cr068_order(15) := 15
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr068 (main reason for poor treatment experiences in section Abuse)
What do you think is the **main** reason for these experiences of poor treatment? You may check up to two main reasons.
1 Your ancestry, ethnicity, or national origin
2 Your gender
3 Your race
4 Your shade of skin color
5 Your age
6 Your religion
7 Your height
8 Your weight
9 Some other aspect of your physical appearance
10 Your sexual orientation
11 Your education or income level
12 A physical disability
13 Your physical health (or perceived physical health)
14 Your mental health (or perceived mental health)
15 Other, please specify:

cr068_other (other main reason for poor treatment experiences in section Abuse)
STRING

END OF GROUP
END OF IF

cr029_questions := array(1 →"cr029a", 2 →"cr029b", 3 →"cr029c", 4 →"cr029d")

/* The question series cr029a to cr029d are presented in random order per variables cr029_order with values:

○ 1 You were treated with less courtesy and respect than other people (cr029a)

○ 2 You received poorer service than other people at restaurants or stores (cr029b)

○ 3 People acted as if they were afraid of you (cr029c)

○ 4 You were threatened or harassed (cr029d)

Answer options for all questions in the series are:

○ 1 Yes

○ 2 No

○ 3 Unsure

*/

IF sizeof(cr029_order) = 0 THEN
  cr029_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr029_intro (Section Abuse)
Have any of the following things happened to you due to people thinking you might have the coronavirus(**since ˆFLDateEarlierSurvey**)?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 4

/* Question series cr029a to cr029d are presented in random order per variables cr029_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP
END OF IF

/* Questions cr060 and cr061 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262 or UAS264. */
IF preload_uas242_244_endtime = RESPONSE THEN

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```
preload_cr060    :=    getUASPreloadByCovidSuidBySurveySubset("cr060",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr060_other    :=    getUASPreloadByCovidSuidBySurveySubset("cr060_other",
array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr061    :=    getUASPreloadByCovidSuidBySurveySubset("cr061",    ar-
ray(242,244,246,248,250,252,254,256,258,260,262,264))
preload_cr061_other    :=    getUASPreloadByCovidSuidBySurveySubset("cr061_other",
array(242,244,246,248,250,252,254,256,258,260,262,264))
```

END OF IF

IF preload_cr060 = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr060 (sexual identity in section Abuse)
Thinking about your sexual identity, how would you define yourself?
1 Homosexual or gay or lesbian or "not straight"
2 Bisexual
3 Heterosexual or straight or "not gay"
4 Some other description (please specify):

cr060_other (other sexual identity in section Abuse)
STRING

END OF GROUP

ELSE
cr060 := preload_cr060
cr060_other := preload_cr060_other

END OF IF

IF preload_cr061 = EMPTY THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

cr061 (gender identity in section Abuse)
Thinking about your gender identity, how would you define yourself? (Check all that
apply)
1 Woman
2 Man
3 Trans woman
4 Trans man
5 Non-binary, gender-nonconforming, or genderqueer
6 Some other description (please specify):

cr061_other (other gender identity in section Abuse)

| STRING

| END OF GROUP

ELSE
| cr061 := preload_cr061
| cr061_other := preload_cr061_other
END OF IF

End of section **Abuse**

Start of section **Labor**

/* The current job status series below is partially dependent on any previously known job status. To this end variables lr004 (called cr008 in UAS230), lr001 and lr003 are preloaded into preload_hadjob. These take the following values:

- preload_hadjob: 1 Yes, 2 No

- preload_lr001: "1 I am still working in the same job", "2 I lost my job and I am looking for work", "3 I have been temporarily laid off from the same job", "4 I am on sick leave or other leave from the same job", "5 I am now working at a different job", "6 None of these" and "7 I am now retired".

- preload_lr003: "1 I still do not have a job", "2 I now have a job", "4 I am retired", "5 I am not in the labor force (not currently working and not looking for work)", and "3 None of these";

*/

preload_hadjob := getCovid19Preload("cr008")
preload_lr001 := getCovid19Preload("lr001")
preload_lr003 := getCovid19Preload("lr003")

IF preload_hadjob = 1 THEN
| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| **lr001** (employment status in section Labor)
| The next set of questions are about your primary job. If you have multiple jobs, think of the job in which you work the most hours or receive the most pay.

| You told us on (date of earlier survey()) that you had a job. Which statement best reflects your current employment status:
| 1 I am still working in the same job
| 2 I lost my job and I am looking for work
| 3 I have been temporarily laid off from the same job
| 4 I am on sick leave or other leave from the same job

5 I am now working at a different job
7 I am now retired
6 None of these, please specify:

lr001_other (other employment status in section Labor)
STRING

END OF GROUP

IF lr001 = 2 OR lr001 = 3 OR lr001 = 4 THEN
  lr002 (still receiving benefits in section Labor)
  Are you still receiving benefits such as health insurance through your former job?
  1 Yes
  2 No
  3 Unsure
END OF IF
ELSE
IF preload_hadjob = RESPONSE THEN
  IF preload_lr001 = 3 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    lr003aa (job status after laid off in section Labor)
    You told us on (ˆ**FLDateEarlierSurvey**) that you were temporarily laid off from your
    job. Which statement best reflects your current employment status?
    1 I have resumed working at the same job
    2 I am still temporarily laid off from the same job
    3 I have lost my job and I am looking for work
    4 I am on sick leave or other leave from the same job
    5 I am now working at a different job
    6 None of these, please specify:

    lr003aa_other (other job status after laid off in section Labor)
    STRING

    END OF GROUP
  ELSEIF preload_lr001 = 4 THEN
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    lr003bb (job status after sick leave in section Labor)
    You told us on (ˆ**FLDateEarlierSurvey**) that you were on sick leave or other leave
    from your job. Which statement best reflects your current employment status?
    1 I have resumed working at the same job
    2 I am still on sick leave or other leave from the same job
    3 I have lost my job and I am looking for work

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4 I have been temporarily laid off from the same job
5 I am now working at a different job
6 None of these, please specify:

lr003bb_other (other job status after sick leave in section Labor)
STRING

ELSE
IF preload_lr003 = 4 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003cc (job status after retired in section Labor)
You told us on (ˆ**FLDateEarlierSurvey**) that you were retired. Which statement best reflects your current employment status?
1 I am still retired
2 I now have a job
3 I am unemployed and looking for work
4 None of these, please specify:

lr003cc_other (other job status after retired in section Labor)
STRING

ELSEIF preload_lr003 = 5 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003dd (job status after not in labor force in section Labor)
You told us on (ˆ**FLDateEarlierSurvey**) that you were not in the labor force. Which statement best reflects your current employment status?
1 I am still not in the labor force (not currently working and not looking for work)
2 I now have a job
3 I am unemployed and looking for work
4 I am retired
5 None of these, please specify:

lr003dd_other (other job status after not in labor force in section Labor)
STRING

ELSE
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr003 (employment status prev no job in section Labor)
You told us on **(date of earlier survey())** that you did not have a job. Which statement best reflects your current employment status:
1 I still do not have a job
2 I now have a job
4 I am retired
5 I am not in the labor force (not currently working and not looking for work)
3 None of these, please specify:

lr003_other (other employment status prev no job in section Labor)
STRING

END OF GROUP
END OF IF
END OF IF
ELSE
lr003a (currently have job in section Labor)
Do you currently have a job?
1 Yes
2 No
END OF IF
END OF IF

/* The current job status indicator lr004 is set to "Not have a job" by default. It is then set to "Have a job" if:

○ The respondent had a job per preload_hadjob and now says they stil have this job (lr001=1) or have a different job (lr001=5)

○ OR the respondent did not have a job per preload_hadjob (preload_hadjob=2) and was temporarily laid off (preload_lr001=3) and now says they have this job again (lr003aa=1) or have a different job (lr003aa=5)

○ OR the respondent did not have a job per preload_hadjob (preload_hadjob=2) and was on sick leave (preload_lr001=4) and now says they have this job again (lr003bb=1) or have a different job (lr003bb=5)

○ OR the respondent is known to have had a job or not per preload_hadjob (preload_hadjob = response) and was not temporarily laid off (preload_lr001!=3) and was not on sick leave (preload_lr001!=4) and was retired (preload_lr003 = 4) and now says they have a job (lr003cc=2)

○ OR the respondent is known to have had a job or not per preload_hadjob (preload_hadjob = response) and was not temporarily laid off (preload_lr001!=3) and was not on sick leave (preload_lr001!=4) and was not in the work force (preload_lr003 = 5) and now says they have a job (lr003dd=2)

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○ OR the respondent did not have a job per preload_hadjob (preload_hadjob=2), was not temporarily laid off (preload_lr001!=3), was not on sick leave (preload_lr001!=4) and now says they have a job (lr003=2)

○ OR it is unknown if the respondent had a job or not per preload_hadjob and now says they have a job (lr003a=1)

*/

lr004 := 2

IF (preload_hadjob = 1 AND (lr001 = 1 OR lr001 = 5)) THEN
| lr004 := 1
ELSEIF (preload_hadjob = 2 AND preload_lr001 = 3 AND lr003aa IN (1,5)) THEN
| lr004 := 1
ELSEIF (preload_hadjob = 2 AND preload_lr001 = 4 AND lr003bb IN (1,5)) THEN
| lr004 := 1
ELSEIF (preload_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4 AND preload_lr003 = 4 AND lr003cc = 2) THEN
| lr004 := 1
ELSEIF (preload_hadjob = RESPONSE AND preload_lr001 != 3 AND preload_lr001 != 4 AND preload_lr003 = 5 AND lr003dd = 2) THEN
| lr004 := 1
ELSEIF (preload_hadjob = 2 AND preload_lr001 != 3 AND preload_lr001 != 4 AND lr003 = 2) THEN
| lr004 := 1
ELSEIF (preload_hadjob = EMPTY AND lr003a = 1) THEN
| lr004 := 1
END OF IF

IF lr004 = 1 THEN
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

  lr005 (self employed or work for employer in section Labor)
  In your primary job, are you self-employed or do you work for an employer?
  1 Self-employed
  2 Work for an employer
  3 Other (specify)

  lr005_other (self employed or work for employer other in section Labor)
  STRING

lr019 (describe primary job in section Labor)
Do any of the following describe your primary job? Please check all that apply.
1 Independent contractor (for example, freelance worker, Uber driver, Instacart worker, independent consultant)
2 On-call worker or day laborer
3 Temporary agency worker
4 Contract company worker
5 None of the above

lr006 (how many day work past seven days in section Labor)
Out of the **past seven days**, how many days did you work at your job?

0 0 days
1 1 day
2 2 days
3 3 days
4 4 days
5 5 days
6 6 days
7 7 days

lr008 (home many hours work for pay past 7 days in section Labor)
Think of every day you worked in the **past seven days**. How many total hours did you work for pay across all the days?
RANGE 0..150

lr009 (hours reduced since previous survey in section Labor)
Have your work hours been reduced(**since ˆFLDateEarlierSurvey/ since March 1, 2020**)?
1 Yes
2 No
3 Unsure

IF lr005 = 2 THEN
  lr020 (employer instructed you to work from home in section Labor)
  Has your employer instructed you to work from home?
  1 Yes
  2 No
  3 Unsure
END OF IF

lr007 (how many day work from home past seven days in section Labor)

Out of the **past seven days**, how many days did you work from home?

0 0 days
1 1 day
2 2 days
3 3 days
4 4 days
5 5 days
6 6 days
7 7 days

lr010 (how frequently paid in section Labor)
How frequently are you paid for your job?
1 Monthly
6 Twice a month
2 Every two weeks
3 Every week
4 Every day
5 Other (specify)

lr010_other (how frequently paid other in section Labor)
How frequently are you paid?
STRING

lr011 (amount most recent paycheck in section Labor)
What was the amount on your most recent paycheck?
RANGE 0..10000000

IF lr011 > 50000 THEN

check_lr011 (amount over 50k in section Labor)
You entered an amount over $50,000. Is this correct?
1 Yes
2 No

ELSEIF lr011 = RESPONSE AND lr011 < 30 THEN

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lr011a (confirm paycheck amount in section Labor)
You said your last paycheck was $(amount most recent paycheck()). Is this correct?
1 Yes, it is correct
2 No, I made a mistake
3 I did not receive a paycheck in the past fourteen days
4 I do not recall the amount of my last paycheck
5 I prefer not to answer

IF lr011a != 2 THEN

I

END OF IF

ELSE

I

END OF IF

END OF LOOP

lr012_ask := 2

IF lr011 > 29 OR (lr011 < 30 AND lr011a = 1) THEN
| lr012_ask := 1
END OF IF

IF lr011 = EMPTY OR (lr011 = RESPONSE AND lr011 < 30 AND lr011a = 4)
THEN
| IF lr010 = 1 THEN
| | **lr011b_i** (paycheck monthly in section Labor)
| | For the most recent paycheck for your job, would you say the amount was
| | 1 Lower than $1,500
| | 2 Between $1,500 and $3,000
| | 3 Between $3,000 and $4,500
| | 4 Between $4,500 and $6,000
| | 5 Higher than $6,000
| | 6 Prefer not to answer
| | 7 Don't know
| |
| | IF lr011b_i IN (1,2,3,4,5) THEN
| | | lr012_ask := 1
| | END OF IF
| ELSEIF lr010 IN (2,6) THEN

lr011b_ii (paycheck twice a month or every two weeks in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $750
2 Between $750 and $1,500
3 Between $1,500 and $2,250
4 Between $2,250 and $3,000
5 Higher than $3,000
6 Prefer not to answer
7 Don't know

IF lr011b_ii IN (1,2,3,4,5) THEN
| lr012_ask := 1
END OF IF
ELSEIF lr010 = 3 THEN
lr011b_iii (paycheck every week in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $375
2 Between $375 and $750
3 Between $750 and $1,125
4 Between $1,125 and $1,500
5 Higher than $1,500
6 Prefer not to answer
7 Don't know

IF lr011b_iii IN (1,2,3,4,5) THEN
| lr012_ask := 1
END OF IF
ELSEIF lr010 = 4 THEN
lr011b_iv (paycheck every day in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $75
2 Between $75 and $150
3 Between $150 and $300
4 Between $300 and $600
5 Higher than $600
6 Prefer not to answer
7 Don't know

IF lr011b_iv IN (1,2,3,4,5) THEN
| lr012_ask := 1
END OF IF
ELSEIF lr010 = 5 THEN

lr011b_v (paycheck other frequency in section Labor)
For the most recent paycheck for your job, would you say the amount was
1 Lower than $375
2 Between $375 and $750
3 Between $750 and $1,500
4 Between $1,500 and $3,000
5 Higher than $3,000
6 Prefer not to answer
7 Don't know

IF lr011b_v IN (1,2,3,4,5) THEN
| lr012_ask := 1
END OF IF
END OF IF
END OF IF

IF lr012_ask = 1 THEN
lr012 (amount before or after taxes in section Labor)
Is that amount before or after taxes were withheld?
1 Before taxes (gross)
2 After taxes (net)
3 Unsure
END OF IF

IF lr010 = 4 OR lr010 = 5 OR lr005 = 1 THEN
lr011c (takeaway amount last month in section Labor)
Overall, taking into account all sources of income related to your job(s) and/or business,
what was your income or "take home pay" in the past month?
RANGE 0..10000000

IF lr011c > 50000 THEN
check_lr011c (takeaway amount over 50k in section Labor)
You entered an amount over $50,000. Is this correct?
1 Yes
2 No
ELSEIF lr011c = EMPTY THEN
lr011c_i (followup takeaway amount past month in section Labor)
Would you say that your income or "take home pay" in the past month was:
1 Lower than $1,500,
2 Between $1,500 and $3,000
3 Between $3,000 and $4,500
4 Between $4,500 and $6,000
5 Higher than $6,000
6 Prefer not to answer

| 7 Don't know
END OF IF
END OF IF

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
lr013 (how may days stay home and still get paid in section Labor)
If you get sick, how many days can you stay home from your job and still get paid?
1 0
2 1-7
3 8-14
4 More than 14

IF lr013 > 1 AND lr005 = 2 THEN
lr014 (require permission to use sick days in section Labor)
Do you require your employer's permission to use these sick days?
1 Yes
2 No
3 Unsure
END OF IF
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr015 (percent chance you lose your job in section Labor)
The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

What is the percent chance that you will lose your job because of the coronavirus within the **next three months**?
RANGE 0..100

cr_error (Section Corona)
Please enter a number between 0% and 100%.

END OF GROUP
END OF IF

lr016 (received unemployment insurance past 14 days in section Labor)
Have you received unemployment insurance benefits in the past fourteen days?
1 Yes
2 No
3 Unsure

IF lr016 = 1 THEN
  LOOP FROM 1 TO 5

    lr017 (amount unemployment insurance in section Labor)
    How much did you receive in unemployment insurance in your most recent payment?
    RANGE 0..10000

    IF lr017 > 5000 THEN

      check_lr017 (amount over 5k in section Labor)
      You entered an amount over $5,000. Is this correct?
      1 Yes
      2 No

    ELSEIF lr017 = RESPONSE AND lr017 < 15 THEN

      lr017b (confirm unemployment amount in section Labor)
      You said your most recent payment for unemployment compensation was $(amount
      unemployment insurance()). Is this correct?
      1 Yes, that is correct
      2 No, I made a mistake
      3 I did not receive a payment in the past fourteen days
      4 I do not recall the amount of my last UI payment
      5 I prefer not to answer

      IF lr017b != 2 THEN

      |

      END OF IF

    ELSE

    |

    END OF IF

  END OF LOOP

IF lr017 = EMPTY OR (lr017 = RESPONSE AND lr017 < 15 AND lr017b = 4)
THEN
  lr017b_i (followup unemployment amount in section Labor)
  Would you say the amount was?
  1 $300 or less
  2 $301 to $600
  3 $601 to $900

4 $901 to $1200
5 More than $1200
6 I prefer not to answer
7 Don't know
END OF IF

IF lr017 > 14 OR (lr017 = RESPONSE AND lr017 < 15 AND lr017b = 1) OR (lr017 = RESPONSE AND lr017 < 15 AND lr017b = 4 AND lr017b_i IN (1,2,3,4,5)) THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr017a (how often receive unemployment insurance in section Labor)
How often do you expect to receive this amount?
1 Once every week
2 Once every two weeks
3 Once every month
4 Another interval, please specify:
5 Unsure

lr017a_other (other how often receive unemployment insurance in section Labor)
STRING

END OF GROUP
END OF IF
ELSEIF lr016 = RESPONSE THEN
IF lr016 = 3 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr016a (why unsure about whether received unemployment insurance in past 14 days in section Labor)
Why are you unsure about whether you have received unemployment insurance in the past 14 days?
1 I received a benefit payment but I am unsure about whether it is from unemployment insurance or some other program
2 I am expecting to receive a payment but I am unsure whether it has been deposited/mailed
3 I received a payment but I am unsure when I received it
4 I prefer not to answer this question
5 Other, please specify:

lr016a_other (other why unsure about whether received unemployment insurance in past 14 days in section Labor)
STRING

END OF IF

lr031 (applied for unemployment benefits since february 2020 in section Labor)
Have you **applied** for unemployment insurance since February 2020?
1 Yes
2 No
3 Unsure

IF lr031 = 1 THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr032_month (month applied unemployment in section Labor)
When did you apply? If you're not sure, just give your best guess. If you have applied more than once since February 2020, please tell us about the first time that you applied.
1 February
2 March
3 April
4 May
5 June
6 July
7 August
8 September

lr032_day (day applied unemployment in section Labor)
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
17 17
18 18
19 19

20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

lr033 (why not received unemployment in section Labor)
Why haven't you received unemployment insurance benefits?
1 My application was approved but I haven't been paid yet.
2 My application was rejected.
3 I am still waiting for my application to be approved.
4 I am receiving benefits but have not been paid in the past fourteen days
6 I went back to work
7 I am still being paid by employer
8 I did receive benefits at some point
5 Other, please specify:

lr033_other (other why not received unemployment in section Labor)
STRING

ELSEIF lr031 = 2 THEN

lr034 (why not applied unemployment in section Labor)
Why haven't you applied for unemployment insurance benefits?
1 I am currently working
2 My former employer has not made me eligible
3 I am not eligible for other reasons
4 I am unsure how to apply
5 I decided not to apply for other reasons
7 I am retired
8 I receive disability or Supplemental Security Income
9 I am temporally on leave from my job /summer break / seasonal

6 Other, please specify:

lr034_other (other why not applied unemployment in section Labor)
STRING

END OF IF
END OF IF

/* Questions lr019a, lr020a, lr021 and lr022 are preloaded here and only asked later in the survey if they were not answered previously in UAS242, UAS244, UAS246, UAS248, UAS250, UAS252, UAS254, UAS256, UAS258, UAS260, UAS262 or UAS264. */
IF preload_uas242_244_endtime = RESPONSE THEN

preload_lr019a := getUASPreloadByCovidSuidBySurveySubset("lr019a", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr020a := getUASPreloadByCovidSuidBySurveySubset("lr020a", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr021 := getUASPreloadByCovidSuidBySurveySubset("lr021", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr022 := getUASPreloadByCovidSuidBySurveySubset("lr022", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr027 := getUASPreloadByCovidSuidBySurveySubset("lr027", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr029_month := getUASPreloadByCovidSuidBySurveySubset("lr029_month", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr029_day := getUASPreloadByCovidSuidBySurveySubset("lr029_day", array(242,244,246,248,250,252,254,256,258,260,262,264))
preload_lr030 := getUASPreloadByCovidSuidBySurveySubset("lr030", array(242,244,246,248,250,252,254,256,258,260,262,264))

END OF IF

IF preload_lr019a = EMPTY THEN

lr019a (February 2020 employment type in section Labor)
Thinking back to February 2020, were you employed by the government, employed by a private company, employed by a nonprofit organization, self-employed, not employed or retired?
1 Government (Federal, State, or Local)
2 Private-for-profit company
3 Non-profit organization including tax exempt and charitable organizations
4 Self-employed
5 Not employed
6 Retired

IF lr019a IN (1,2,3) THEN

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lr021 (February 2020 number of employees in section Labor)
About how many employees (including yourself) worked for this company or organization? If the company or organization has more than one location, add up all employees at the different locations.
1 Less than 5
2 5-14
3 15-24
4 25-49
5 50-99
6 100-499
7 500-1,000
8 1,000-5,000
9 5,000-50,000
10 More than 50,000
11 Unsure

ELSEIF lr019a = 4 THEN

lr022 (February 2020 self-employed number of employees in section Labor)
Including yourself, how many people worked in your business or organization in February 2020?
1 1 (Just me)
2 2-4
3 5-14
4 15-24
5 25-49
6 50-99
7 100-499
8 500-1,000
9 1,000-5,000
10 5,000-50,000
11 More than 50,000
12 Unsure

END OF IF

IF lr019a IN (1,2,3,4) THEN

lr020a (February 2020 interaction within six feet in section Labor)
Some people have jobs that require them to interact with people face to face in the same location. Thinking back to **February 2020**, how often did your job require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?
1 Never
2 Less than once per week
3 1-2 times per week
4 Several times per week
5 Nearly every day
6 Every day

| END OF IF
ELSE
| lr019a := preload_lr019a
| lr020a := preload_lr020a
| lr021 := preload_lr021
| lr022 := preload_lr022
END OF IF

IF lr004 = 1 THEN
lr026 (currently interaction within six feet in section Labor)
How often does your job **currently** require you to come within six feet of other people (such as customers, clients, patients, or coworkers)?
1 Never
2 Less than once per week
3 1-2 times per week
4 Several times per week
5 Nearly every day
6 Every day
END OF IF

IF lr019a IN (1,2,3,4) THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

lr023_intro (Section Labor)
To encourage social distancing, some governments have imposed restrictions on some businesses and organizations. Since February 2020, has **the government** imposed any of the following restrictions on businesses or organizations like yours:

SUBGROUP OF QUESTIONS

lr023a (Ordered them to close completely in section Labor)
Ordered them to close completely
1 Yes
2 No
3 Unsure

lr023b (Ordered them to substantially limit operations in section Labor)
Ordered them to substantially limit operations
1 Yes
2 No
3 Unsure

lr023c (Ordered employees to work from home in section Labor)
Ordered employees to work from home

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1 Yes
2 No
3 Unsure

IF lr023a = 1 THEN
lr024a (government allowed to reopen in section Labor)
Has **the government** allowed businesses or organizations like yours to reopen?
1 Yes, completely
2 Yes, partially or with restrictions
3 No
4 Unsure
END OF IF

IF lr023b = 1 THEN
lr024b (government allowed to resume fully in section Labor)
Has **the government** allowed businesses or organizations like yours to resume normal operations?
1 Yes, completely
2 Yes, partially or with restrictions
3 No
4 Unsure
END OF IF

IF lr023c = 1 THEN
lr024c (government allowed to stop working from home in section Labor)
Has **the government** allowed employees to stop working from home?
1 Yes
2 No
3 Unsure
END OF IF
END OF IF

IF lr019a IN (1,2,3,4) THEN
lr025 (government identified business as essential in section Labor)
Has the government identified your business or organization as "essential" during the coronavirus epidemic?
1 Yes
2 No
3 Unsure

lr026a (married or with partner in section Labor)
Are you married, or do you have a partner who you live with?
1 Yes
2 No

IF lr026a = 1 THEN
  IF preload_lr027 = EMPTY THEN

  lr027 (February 2020 employment status spouse/partner in section Labor)
  Which statement best reflects the employment status of your spouse or partner in **February 2020**?
  1 My spouse or partner was employed and had a job
  2 My spouse or partner was unemployed and was looking for work
  3 My spouse or partner was temporarily laid off
  4 My spouse or partner was on sick leave or other leave
  5 My spouse or partner was not in the labor force (not employed and not looking for work)
  6 My spouse or partner was retired
  7 None of these
  ELSE
  lr027 := preload_lr027
  END OF IF

  lr028 (current employment status spouse/partner in section Labor)
  Which statement best reflects the **current** employment status of your spouse or partner?
  1 My spouse or partner is employed and has a job
  2 My spouse or partner is unemployed and looking for work
  3 My spouse or partner is temporarily laid off
  4 My spouse or partner is on sick leave or other leave
  5 My spouse or partner is not in the labor force (not employed and not looking for work)
  6 My spouse or partner is retired
  7 None of these

  IF lr027 = RESPONSE AND lr028 = RESPONSE AND lr027 != lr028 THEN
    IF preload_lr029_month = EMPTY AND preload_lr029_day = EMPTY THEN
      GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

      lr029_intro (employment status changed in section Labor)
      When did the employment status of your spouse or partner change?

      If you're not sure, just give your best guess

      lr029_month (month unemployment status changed in section Labor)

2 February
3 March
4 April
5 May
6 June
7 July
8 August
9 September

lr029_day (day unemployment status changed in section Labor)
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
17 17
18 18
19 19
20 20
21 21
22 22
23 23
24 24
25 25
26 26
27 27
28 28
29 29
30 30
31 31

ELSE

```
    | | | lr029_month := preload_lr029_month
    | | | lr029_day := preload_lr029_day
    | | END OF IF
    | END OF IF

    | IF lr028 = 1 THEN
    | | IF preload_lr030 = EMPTY THEN
    | | | lr030 (spouse/partner hours reduced in section Labor)
    | | | Have your spouse or partner's hours been reduced since February 2020?
    | | | 1 Yes
    | | | 2 No
    | | | 3 Unsure
    | | ELSE
    | | | lr030 := preload_lr030
    | | END OF IF

    | | IF preload_lr030 = RESPONSE THEN
    | | | lr030a (spouse/partner hours reduced in section Labor)
    | | | Have your spouse or partner's hours been reduced since ( ˆFLDateEarlierSurvey)?
    | | | 1 Yes
    | | | 2 No
    | | | 3 Unsure
    | | END OF IF
    | END OF IF

    | lr035 (spouse or partner received unemployment in section Labor)
    | Has your spouse or partner received unemployment insurance benefits in the past
    | fourteen days?
    | 1 Yes
    | 2 No
    | 3 Unsure
    END OF IF
```

Fill code of question FLlr036 executed

lr036 (anyone else in household received unemployment in section Labor)
Other than you(and your spouse or partner/ yourself), has anyone else in your household
received unemployment insurance benefits in the past fourteen days?
1 Yes
2 No
3 Unsure

IF (lr026a = 1 AND lr035 = 1) OR lr036 = 1 THEN

lr037 (unemployment household received in section Labor)
Over the **past month**, how much did you and other household members receive from unemployment insurance? If you are not sure, please give your best guess.
RANGE 0..9999

END OF IF

End of section **Labor**

Start of section **Economic**

preload_ei007 := getCovid19Preload("ei007")

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei001 (chance run out of money in section Economic)
The coronavirus may cause economic challenges for some people regardless of whether they are actually infected.

What is the percent chance you will run out of money because of the coronavirus in the **next three months**?
RANGE 0..100

cr_error (Section Corona)
Please enter a number between 0% and 100%.

END OF GROUP

ei002 (worried you would run out of food in section Economic)
In the **past seven days**, were you worried you would run out of food because of a lack of money or other resources?
1 Yes
2 No
3 Unsure

ei003 (did you eat less in section Economic)
In the **past seven days**, did you eat less than you thought you should because of a lack of money or other resources?
1 Yes
2 No
3 Unsure

ei004 (did you go without eating in section Economic)
In the **past seven days**, did you go without eating for a whole day because of a lack of money or other resources?
1 Yes

2 No

3 Unsure

FLOneMonthAgo := getOneMonthAgo()

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
ei005_questions := array(1 →"ei005a", 2 →"ei005b", 3 →"ei005c", 4 →"ei005d", 5 →"ei005e", 6 →"ei005f", 7 →"ei005g", 8 →"ei005h", 9 →"ei005i", 10 →"ei005j", 11 →"ei005k", 12 →"ei005l", 13 →"ei005m")

/* The question series ei005a to ei005m are presented in random order per variables ei005_order with values:

- 1 Medicaid (ei005a)

- 2 Medicare (ei005b)

- 3 Social Security (ei005c)

- 4 Supplemental Security Income (SSI) (ei005d)

- 5 Social Security Disability Insurance (SSDI) (ei005e)

- 6 Special Supplemental Assistance Program for Women, Infants, and Children (WIC) (ei005f)

- 7 Temporary Assistance for Needy Families (TANF) (ei005g)

- 8 Supplemental Nutrition Assistance Program (SNAP or Food Stamps) (ei005h)

- 9 Children's Health Insurance Program (CHIP) (ei005i)

- 10 Housing Assistance (e.g. Section 8 or vouchers) (ei005j)

- 11 Earned Income Tax Credit (EITC) (ei005k)

- 12 Economic stimulus funds (ei005l)

- 13 Aid for people or businesses affected by the coronavirus epidemic (ei005m)

Answer options for all questions in the series are:

- 1 Yes

- 2 No

- 3 Unsure

*/

IF sizeof(ei005_order) = 0 THEN

ei005_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11, 12 →12, 13 →13))

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei005_intro (past month receive any of following intro in section Economic)
In the past month, did you or anyone in your household receive any of the following government benefits?

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 13

/* Question series ei005a to ei005m are presented in random order per variables ei005_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF ei005h = 1 THEN
ei006 (able to use SNAP in section Economic)
Were you able to use your SNAP (Food Stamps) benefits at the grocery store?
1 Yes
2 No
3 I did not try
END OF IF

IF ei005c = 1 THEN
ei005inc_c (how much received social security in section Economic)
Over the **past month** (since (())), how much did you and other household members receive from **Social Security**? If you are not sure, please give your best guess.
RANGE 0..9999
END OF IF

IF ei005d = 1 THEN

81

ei005inc_d (how much received Supplemental Security Income (SSI) in section Economic)

Over the **past month** (since (())), how much did you and other household members receive from **Supplemental Security Income (SSI)**? If you are not sure, please give your best guess.

RANGE 0..9999

END OF IF

IF ei005e = 1 THEN

ei005inc_e (how much received Social Security Disability Insurance (SSDI) in section Economic)

Over the **past month** (since (())), how much did you and other household members receive from **Social Security Disability Insurance (SSDI)**? If you are not sure, please give your best guess.

RANGE 0..9999

END OF IF

IF ei005h = 1 THEN

ei005inc_h (how much received SNAP or Food Stamps benefits in section Economic)

Over the **past month** (since (())), how much did your household receive in **SNAP or Food Stamps benefits**? If you are not sure, please give your best guess.

RANGE 0..9999

END OF IF

END OF IF

IF preload_ei007 = EMPTY THEN

ei007 (file tax return in section Economic)

Did you file a tax return this year or last year?

1 Yes

2 No

3 Unsure

ELSE

ei007 := preload_ei007

END OF IF

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN

ei008 (owe money on student loans in section Economic)

Do you owe money on student loans?

1 Yes

2 No

ei009 (permission to delay payment on student loans in section Economic)
Have you received permission from your lender to delay or reduce payment on your student loans?
1 Yes
2 No

ei010 (missed payment in the past in section Economic)
In the past month, did you miss or delay payment on your student loans, or did you pay less than the full amount?
1 Yes
2 No

ei011 (do you have a mortgage in section Economic)
Do you have a mortgage?
1 Yes
2 No

ei012 (permission to delay mortgage payment in section Economic)
Have you received permission from your lender to delay or reduce payment on your mortgage?
1 Yes
2 No

ei013 (past month delay payment on mortgage in section Economic)
In the past month, did you miss or delay payment on your mortgage, or did you pay less than the full amount?
1 Yes
2 No

ei014 (rent primary residence in section Economic)
Do you rent your primary residence?
1 Yes
2 No

ei015 (permission to delay or reduce rent payment in section Economic)
Have you received permission from your landlord to delay or reduce payment of your rent?
1 Yes
2 No

ei016 (past month missed or delay rent payment in section Economic)
In the past month, did you miss or delay payment of your rent, or did you pay less than the full amount?
1 Yes
2 No
END OF IF
END OF IF

ei030 (have you been evicted or foreclosed, received an eviction or foreclosure notice in section Economic)
Since April 1, have you been evicted or foreclosed, received an eviction or foreclosure notice, or been told by a landlord to move from your residence?
1 Yes, I have been, or am currently being, evicted or foreclosed from my residence
2 Yes, I have received an eviction or foreclosure notice, but have not yet been evicted or foreclosed from my residence
3 Yes, I have been told by a landlord to leave my residence, but have not yet received a written eviction notice
4 No, I have **not** been evicted or foreclosed, received an eviction or foreclosure notice, or been told by a landlord to leave my residence

IF ei030 IN (2,3,4) THEN
GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei031 (chance will be evicted in section Economic)
What is the percent chance that you will be evicted, go into foreclosure, or be forced by a landlord to move from your current residence in the next thirty days? If you are not sure, please give your best guess.
RANGE 0..100

ei031_na (does not apply chance will be evicted in section Economic)
OR
1 Does not apply to my housing situation

ei_error (Section Economic)
Please select a value or check the box.

END OF GROUP
END OF IF

ei017 (how confident you could come up with 2000 in section Economic)
How confident are you that you could come up with $2,000 if an unexpected need arose within the next month?
1 I am certain I could come up with the full $2,000

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2 I could probably come up with $2,000
3 I could probably **not** come up with $2,000
4 I am certain I could **not** come up with $2,000
5 Don't know
6 Prefer not to say

ei018_intro (emergency expense 400 dollars info in section Economic)
Suppose now you have an emergency expense that costs $400. Based on your current financial situation, how would you pay this expense? If you would use more than one method, please select all that apply.

ei018a (By putting it on my credit card and paying it off in full at the next statement in section Economic)
By putting it on my credit card and paying it off in full at the next statement
1 Yes
2 No
3 Unsure

ei018b (By putting it on my credit card and paying it off over time in section Economic)
By putting it on my credit card and paying it off over time
1 Yes
2 No
3 Unsure

ei018c (With the money currently in my checking/savings account or with cash in section Economic)
With the money currently in my checking/savings account or with cash
1 Yes
2 No
3 Unsure

ei018d (Using a bank loan or line of credit in section Economic)
Using a bank loan or line of credit
1 Yes
2 No
3 Unsure

ei018e (By borrowing from a friend or family member in section Economic)

By borrowing from a friend or family member
1 Yes
2 No
3 Unsure

ei018f (Using a payday loan, deposit advance, or overdraft in section Economic)
Using a payday loan, deposit advance, or overdraft
1 Yes
2 No
3 Unsure

ei018g (By selling something in section Economic)
By selling something
1 Yes
2 No
3 Unsure

ei018h (I wouldn't be able to pay for the expense right now in section Economic)
I wouldn't be able to pay for the expense right now
1 Yes
2 No
3 Unsure

END OF SUBGROUP

END OF GROUP

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
ei019 (something been stolen in last 7 days in section Economic)
In the **past seven days**, has anything belonging to you been stolen, such as a wallet or purse, clothing, jewelry, things in your home, or things in your vehicle?
1 Yes
2 No
3 Unsure

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ei020_intro (My neighborhood is clean in section Economic)
Do you agree or disagree with each of the following statements?

SUBGROUP OF QUESTIONS

ei020 (My neighborhood is clean in section Economic)
My neighborhood is clean
1 Strongly disagree
2 Disagree
3 Agree
4 Strongly agree

ei021 (There is too much crime in my neighborhood in section Economic)
There is too much crime in my neighborhood
1 Strongly disagree
2 Disagree
3 Agree
4 Strongly agree

ei022 (Vandalism is common in my neighborhood in section Economic)
Vandalism is common in my neighborhood
1 Strongly disagree
2 Disagree
3 Agree
4 Strongly agree

ei023 (There are too many people hanging around on the streets near my home in section Economic)
There are too many people hanging around on the streets near my home
1 Strongly disagree
2 Disagree
3 Agree
4 Strongly agree

END OF SUBGROUP

END OF GROUP

END OF IF

End of section **Economic**

Start of section **Social**

/* The following questions ARE asked in this survey per alternatewave=1. */

IF alternatewave = 1 THEN
 IF dateofbirth_year = RESPONSE AND dateofbirth_month = RESPONSE AND dateof-birth_day = RESPONSE THEN
 | currentage := calcAge(dateofbirth_year, dateofbirth_month, dateofbirth_day)

END OF IF

IF currentage = EMPTY THEN

currentage (current age in section Social)
What is your age?
NUMBER (NO DECIMALS ALLOWED)

END OF IF

IF currentage > 49 AND currentage < 70 THEN

ss001 (currently receive social security retirement benefits in section Social)
Do you currently receive social security retirement benefits?
1 Yes
2 No
3 Unsure

IF ss001 = 2 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ss002_intro (Section Social)
At what age do you plan to begin claiming Social Security retirement benefits?

ss002_slider (plan to claim age year in section Social)
RANGE 0..96

ss002_noplan (no plan to claim in section Social)
OR
1 I'm not eligible
2 Never
3 I don't know

ss_warning (Section Social)
Please select an age or check one of the options.

END OF GROUP

IF ss002_slider = RESPONSE THEN
ss002_year := 62 + floor(ss002_slider/12)
ss002_month := ss002_slider % 12

IF ss002_year < currentage THEN

ss002_warning (Section Social)
You indicated you plan to begin claiming Social Security retirement benefits at age (year plan to claim()), but you are (current age()) years old. Please go back and revise your answer(s) or click "Next" to continue.

| END OF IF
END OF IF

IF lr016 = 1 THEN
ss003 (how many months more unemployment benefits in section Social)
For how many more months do you think you will continue to receive unemployment insurance benefits? If you are unsure, please give your best guess.
0 0
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
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97 97
98 98
99 99
100 100

ss004 (plan to do if unemployment benefits run out in section Social)
What do you plan to do if your unemployment benefits run out?
1 Try to find a job
2 Claim my Social Security retirement benefits
3 Apply for disability benefits
4 Apply for benefits from a different government program
5 Use personal savings from IRA or similar accounts
6 Use personal savings from other sources
7 Get help from friends or family members
8 Other, please specify:

ss004_other (other plan to do if unemployment benefits run out in section Social)
STRING

End of section **Social**

Start of section **Ucla_background**

IF lr004 = 1 THEN
 cv7a (essential worker in section Ucla_background)
 Does your job require you to work outside the home (e.g., health care worker, child care worker, grocery worker, etc.)?
 1 Yes
 2 No
 3 I don't know
ELSE
 ucb006 (employed on March 1 2020 in section Ucla_background)
 Were you employed on March 1, 2020?
 1 Yes
 2 No

 IF ucb006 = 1 THEN
  cv7a1 (were essential worker in section Ucla_background)
  Did your previous job require you to work outside the home (e.g., health care worker, child care worker, grocery worker, etc.)?
  1 Yes
  2 No
  3 I don't know
 END OF IF
END OF IF

IF (lr004 = 1 AND cv7a = 1) OR (lr004 != 1 AND ucb006 = 1 AND cv7a1 = 1) THEN
 Fill code of question FL_ind1 executed
 Fill code of question FL_ind2 executed
 Fill code of question FL_ind3 executed

 ind1 (industry working in section Ucla_background)
 Think about the industry in which you (currently work/used to work). In which of the following industries (do you currently work/did you use to work)? *Select one answer only.*
 11 Farming/Agriculture, Forestry, Fishing and Hunting, and Animal Production
 21 Mining, Quarrying, and Oil and Gas Extraction
 22 Utilities, Waste Management, and Remediation Services
 23 Construction and Specialty Contractors (such as Plumbing and Electrical)
 24 Administrative and Support Services (such as Call Centers, Security, Landscaping, and Janitorial)
 31 Factory/Manufacturing/Woodworking
 42 Wholesale Trade
 44 Retail/Stores/Shopping (including Online Retail)
 48 Delivery Services, Warehousing, and Transportation (including Air, Rail, Water, Truck,

and Passenger)
51 Information (including Publishing, Media, Telecom, Internet Search, and Social Networking)
52 Finance, Banking, and Insurance
53 Real Estate and Property Management
54 Professional, Scientific, Technical, and Business Services (including Engineering, Architecture, La, Research, Marketing, Advertising, PR, and Veterinary)
55 Management of Companies and Enterprises
60 Child Day Care Services
61 Education and Tutoring
62 Health Care (including Elder Care, Home Health Care)
71 Arts, Entertainment, and Recreation (including Fitness and Gambling)
72 Accommodation and Food Services (including Hotels, Restaurants, and Bars)
80 Repairs and Maintenance
81 Personal Services (including Beauty, Pet Care, and Household)
82 Community/Non-Profit Organizations (including Religious and Political Organizations)
92 Public Administration and Public Safety (including Police and Fire Fighters)
93 Armed Forces

IF ind1 = RESPONSE THEN
　IF ind1 = 11 THEN
　　ind002_11 (industry working in in section Ucla_background)
　　And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
　　111000 Crop Production
　　112000 Animal Production and Aquaculture
　　113000 Forestry and Logging
　　114000 Fishing, Hunting and Trapping
　　115000 Support Activities for Agriculture and Forestry

　　ind2 := ind002_11
　ELSEIF ind1 = 21 THEN
　　ind002_21 (industry working in in section Ucla_background)
　　And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
　　211000 Oil and Gas Extraction
　　212000 Mining (except Oil and Gas)
　　213000 Support Activities for Mining

　　ind2 := ind002_21
　ELSEIF ind1 = 22 THEN
　　ind002_22 (industry working in in section Ucla_background)
　　And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

221100 Electric Power Generation, Transmission, and Distribution
221200 Natural Gas Distribution
221300 Water, Sewage, and Other Systems
562100 Waste Collection
562200 Waste Treatment and Disposal
662900 Remediation and Other Waste Management Services

ind2 := ind002_22

ELSEIF ind1 = 23 THEN

ind002_23 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only*
236000 Construction of Buildings
237000 Heavy and Civil Engineering Construction (such as Roads and Bridges)
238000 Specialty Trade Contractors (such as Plumbing and Electrical)

ind2 := ind002_23

ELSEIF ind1 = 24 THEN

ind002_24 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
561100 Office Administrative Services
561200 Facilities Support Services
561300 Employment Services
561400 Business Support Services (such as Call Centers and Collection Agencies)
561500 Travel Arrangement and Reservation Services
561600 Investigation and Security Services
561700 Services to Buildings and Dwellings (such as Janitorial and Landscaping)
561900 Other Support Services

ind2 := ind002_24

ELSEIF ind1 = 31 THEN

ind002_31_33 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
311000 Food Manufacturing
321000 Wood Product Manufacturing
323000 Printing and Related Support Activities
325400 Pharmaceutical and Medicine Manufacturing
326000 Plastics and Rubber Products Manufacturing
332000 Fabricated Metal Product Manufacturing
333000 Machinery Manufacturing
334000 Computer and Electronic Product Manufacturing
335000 Electrical Equipment, Appliance, and Component Manufacturing

336000 Transportation Equipment Manufacturing
339000 Other Manufacturing

ind2 := ind002_31_33
ELSEIF ind1 = 42 THEN
ind002_42 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
423000 Merchant Wholesaler of Durable Goods (such as Furniture and Cars)
424000 Merchant Wholesaler of Nondurable Goods (such as Food, Medicine, Clothing)
425000 Wholesale Electronic Markets and Agents and Brokers

ind2 := ind002_42
ELSEIF ind1 = 44 THEN
ind002_44_45 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
441000 Motor Vehicle and Parts Dealers
444000 Building Material and Garden Equipment and Supplies Dealers
445000 Food and Beverage Stores
446000 Health and Personal Care Stores
447000 Gasoline Stations
448000 Clothing and Clothing Accessories Stores
451000 Sporting Goods, Hobby, Book, and Music Stores
452000 General Merchandise Stores
453000 Other Store Retailers
454000 Nonstore Retailers (including Online Retail)

ind2 := ind002_44_45
ELSEIF ind1 = 48 THEN
ind002_48_49 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
481000 Air Transportation
482000 Rail Transportation
483000 Water Transportation
484000 Truck Transportation
485000 Transit and Ground Passenger Transportation
488000 Support Activities for Transportation
491000 Postal Service
492000 Couriers and Messengers
493000 Warehousing and Storage
499000 Other Transportation

ind2 := ind002_48_49

ELSEIF ind1 = 51 THEN

ind002_51 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

511000 Publishing Industries (except Internet)

512000 Motion Picture and Sound Recording Industries

515000 Broadcasting

517000 Telecommunications

518000 Data Processing, Hosting and Related Services

519130 Internet Publishing and Web Search Portals (including Social Networking Sites)

519000 Other Information Services

ind2 := ind002_51

ELSEIF ind1 = 52 THEN

ind002_52 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

521000 Monetary Authorities-Central Bank

522000 Credit Intermediation and Related Activities (including Banking and Credit Cards)

523000 Securities, Commodity Contracts, and Other Financial Investments and Related Activities

524000 Insurance Carriers and Related Activities

525000 Funds, Trusts, and Other Financial Vehicles

ind2 := ind002_52

ELSEIF ind1 = 53 THEN

ind002_53 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

531000 Real Estate

532000 Rental and Leasing Services

533000 Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)

ind2 := ind002_53

ELSEIF ind1 = 54 THEN

ind002_54 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

541100 Legal Services

541200 Accounting, Tax Preparation, Bookkeeping, and Payroll Services

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541300 Architectural, Engineering, and Related Services
541400 Specialized Design Services
541500 Computer Systems Design and Related Services
541600 Management, Scientific, and Technical Consulting Services
541613 Marketing Consulting Services
541700 Scientific Research and Development Services
541810 Advertising or Public Relations Agencies
541910 Market Research and Public Opinion Polling
541940 Veterinary Services
541900 Other Professional, Scientific, and Technical Services

ind2 := ind002_54

ELSEIF ind1 = 61 THEN

ind002_61 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
611100 Preschool or Kindergarten
611101 Elementary School
611102 Middle School
611103 High School
611104 Junior College
611105 College, University, and Professional School
611106 Business School and Computer and Management Training
611107 Technical and Trade School
611108 Other Schools and Instruction
611109 Educational Services (including Libraries, Tutoring, and Exam Preparation)

ind2 := ind002_61

ELSEIF ind1 = 62 THEN

ind002_62 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
621100 Offices of Physicians
621200 Offices of Dentists
621300 Offices of Other Health Practitioners
621400 Outpatient Care Centers
621500 Medical and Diagnostic Laboratories
621600 Home Health Care Services
621900 Other Ambulatory Health Care Services
622000 Hospitals
623000 Nursing and Residential Care Facilities
624000 Social Assistance

ind2 := ind002_62

ELSEIF ind1 = 71 THEN

ind002_71 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

711000 Performing Arts, Spectator Sports, and Related Industries

712000 Museums, Historical Sites, and Similar Institutions

713000 Amusement, Gambling, and Recreation Industries (including Fitness and Recreational Sports Centers)

ind2 := ind002_71

ELSEIF ind1 = 72 THEN

ind002_72 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

721110 Hotels (except Casino Hotels) and Motels

721120 Casino Hotels

721119 Other traveler accommodation (including Bed-and-Breakfast Inns)

721200 RV (Recreational Vehicle) Parks and Recreational Camps

721300 Rooming and Boarding Houses

722310 Food Service Contractors

722320 Caterers

722330 Mobile Food Services

722400 Drinking Places (Alcoholic Beverages)

722500 Restaurants and Other Eating Places

ind2 := ind002_72

ELSEIF ind1 = 80 THEN

ind002_80 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

811100 Automotive Repair and Maintenance

811200 Electronic and Precision Equipment Repair and Maintenance

811300 Commercial and Industrial Machinery and Equipment Repair and Maintenance

811400 Personal and Household Goods Repair and Maintenance

ind2 := ind002_80

ELSEIF ind1 = 81 THEN

ind002_81 (industry working in in section Ucla_background)

And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*

812110 Hair, Nail, and Skin Care Services

812190 Other Personal Care Services (including Diet and Weight Reduction)

812910 Pet Care (except Veterinary) Services

812200 Death Care Services
812300 Drycleaning and Laundry Services
814000 Private Household Service

ind2 := ind002_81

ELSEIF ind1 = 82 THEN

ind002_82 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
813100 Religious Organizations
813200 Grantmaking and Giving Services
813300 Social Advocacy Organizations
813400 Civic and Social Organizations
813900 Business, Professional, Labor, Political, and Similar Organizations

ind2 := ind002_82

ELSEIF ind1 = 92 THEN

ind002_92 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
921000 Executive, Legislative, and Other General Government Support
922000 Justice, Public Order, and Safety Activities (including Police and Firefighters)
923000 Administration of Human Resource Programs
924000 Administration of Environmental Quality Programs
925000 Administration of Housing Programs, Urban Planning, and Community Development
926000 Administration of Economic Programs
927000 Space Research and Technology
928000 National Security and International Affairs

ind2 := ind002_92

ELSEIF ind1 = 93 THEN

ind002_93 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which you (currently work/used to work)? *Select one answer only.*
931000 US Army
932000 US Air Force
933000 US Navy
934000 US Marines
935000 US Coastguard
936000 US Armed Forces, branch not specified
937000 Military Reserves or National Guard
938000 Other Armed Forces

99

| ind2 := ind002_93
  END OF IF

  IF ind2 = RESPONSE THEN
  | ind1_final := substr(ind2, 0, 2)
  END OF IF
 END OF IF
END OF IF

IF (lr004 = 1 AND cv7a = 1) OR (lr004 != 1 AND ucb006 = 1 AND cv7a1 = 1) THEN
|
ELSE
 ucb005 (live with essential worker in section Ucla_background)
 Do you live with anyone whose job requires him or her to work outside the home (e.g.,
 health care worker, child care worker, grocery worker, etc.)?
 1 Yes
 2 No
 3 I don't know

 IF ucb005 = 1 THEN
  ind1a (industry essential worker working in section Ucla_background)
  Think about the industry in which this person currently works. Which of the following
  industries is it?
  11 Farming/Agriculture, Forestry, Fishing and Hunting, and Animal Production
  21 Mining, Quarrying, and Oil and Gas Extraction
  22 Utilities, Waste Management, and Remediation Services
  23 Construction and Specialty Contractors (such as Plumbing and Electrical)
  24 Administrative and Support Services (such as Call Centers, Security, Landscaping,
  and Janitorial)
  31 Factory/Manufacturing/Woodworking
  42 Wholesale Trade
  44 Retail/Stores/Shopping (including Online Retail)
  48 Delivery Services, Warehousing, and Transportation (including Air, Rail, Water,
  Truck, and Passenger)
  51 Information (including Publishing, Media, Telecom, Internet Search, and Social
  Networking)
  52 Finance, Banking, and Insurance
  53 Real Estate and Property Management
  54 Professional, Scientific, Technical, and Business Services (including Engineering,
  Architecture, La, Research, Marketing, Advertising, PR, and Veterinary)
  55 Management of Companies and Enterprises
  60 Child Day Care Services
  61 Education and Tutoring
  62 Health Care (including Elder Care, Home Health Care)

71 Arts, Entertainment, and Recreation (including Fitness and Gambling)
72 Accommodation and Food Services (including Hotels, Restaurants, and Bars)
80 Repairs and Maintenance
81 Personal Services (including Beauty, Pet Care, and Household)
82 Community/Non-Profit Organizations (including Religious and Political Organizations)
92 Public Administration and Public Safety (including Police and Fire Fighters)
93 Armed Forces

IF ind1a = RESPONSE THEN
 IF ind1a = 11 THEN
  ind002a_11 (industry working in in section Ucla_background)
  And, which of the following best describes the industry in which this person currently
  works? *Select one answer only.*
  111000 Crop Production
  112000 Animal Production and Aquaculture
  113000 Forestry and Logging
  114000 Fishing, Hunting and Trapping
  115000 Support Activities for Agriculture and Forestry

  ind2a := ind002a_11
 ELSEIF ind1a = 21 THEN
  ind002a_21 (industry working in in section Ucla_background)
  And, which of the following best describes the industry in which this person currently
  works? *Select one answer only*
  211000 Oil and Gas Extraction
  212000 Mining (except Oil and Gas)
  213000 Support Activities for Mining

  ind2a := ind002a_21
 ELSEIF ind1a = 22 THEN
  ind002a_22 (industry working in in section Ucla_background)
  And, which of the following best describes the industry in which this person currently
  works? *Select one answer only.*
  221100 Electric Power Generation, Transmission, and Distribution
  221200 Natural Gas Distribution
  221300 Water, Sewage, and Other Systems
  562100 Waste Collection
  562200 Waste Treatment and Disposal
  662900 Remediation and Other Waste Management Services

  ind2a := ind002a_22
 ELSEIF ind1a = 23 THEN

ind002a_23 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
236000 Construction of Buildings
237000 Heavy and Civil Engineering Construction (such as Roads and Bridges)
238000 Specialty Trade Contractors (such as Plumbing and Electrical)

ind2a := ind002a_23
ELSEIF ind1a = 24 THEN
ind002a_24 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
561100 Office Administrative Services
561200 Facilities Support Services
561300 Employment Services
561400 Business Support Services (such as Call Centers and Collection Agencies)
561500 Travel Arrangement and Reservation Services
561600 Investigation and Security Services
561700 Services to Buildings and Dwellings (such as Janitorial and Landscaping)
561900 Other Support Services

ind2a := ind002a_24
ELSEIF ind1a = 31 THEN
ind002a_31_33 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
311000 Food Manufacturing
321000 Wood Product Manufacturing
323000 Printing and Related Support Activities
325400 Pharmaceutical and Medicine Manufacturing
326000 Plastics and Rubber Products Manufacturing
332000 Fabricated Metal Product Manufacturing
333000 Machinery Manufacturing
334000 Computer and Electronic Product Manufacturing
335000 Electrical Equipment, Appliance, and Component Manufacturing
336000 Transportation Equipment Manufacturing
339000 Other Manufacturing

ind2a := ind002a_31_33
ELSEIF ind1a = 42 THEN
ind002a_42 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
423000 Merchant Wholesaler of Durable Goods (such as Furniture and Cars)

424000 Merchant Wholesaler of Nondurable Goods (such as Food, Medicine, Clothing)
425000 Wholesale Electronic Markets and Agents and Brokers

ind2a := ind002a_42

ELSEIF ind1a = 44 THEN

ind002a_44_45 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
441000 Motor Vehicle and Parts Dealers
444000 Building Material and Garden Equipment and Supplies Dealers
445000 Food and Beverage Stores
446000 Health and Personal Care Stores
447000 Gasoline Stations
448000 Clothing and Clothing Accessories Stores
451000 Sporting Goods, Hobby, Book, and Music Stores
452000 General Merchandise Stores
453000 Other Store Retailers
454000 Nonstore Retailers (including Online Retail)

ind2a := ind002a_44_45

ELSEIF ind1a = 48 THEN

ind002a_48_49 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
481000 Air Transportation
482000 Rail Transportation
483000 Water Transportation
484000 Truck Transportation
485000 Transit and Ground Passenger Transportation
488000 Support Activities for Transportation
491000 Postal Service
492000 Couriers and Messengers
493000 Warehousing and Storage
499000 Other Transportation

ind2a := ind002a_48_49

ELSEIF ind1a = 51 THEN

ind002a_51 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
511000 Publishing Industries (except Internet)
512000 Motion Picture and Sound Recording Industries
515000 Broadcasting

517000 Telecommunications
518000 Data Processing, Hosting and Related Services
519130 Internet Publishing and Web Search Portals (including Social Networking Sites)
519000 Other Information Services

ind2a := ind002a_51

ELSEIF ind1a = 52 THEN
ind002a_52 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
521000 Monetary Authorities-Central Bank
522000 Credit Intermediation and Related Activities (including Banking and Credit Cards)
523000 Securities, Commodity Contracts, and Other Financial Investments and Related Activities
524000 Insurance Carriers and Related Activities
525000 Funds, Trusts, and Other Financial Vehicles

ind2a := ind002a_52

ELSEIF ind1a = 53 THEN
ind002a_53 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
531000 Real Estate
532000 Rental and Leasing Services
533000 Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)

ind2a := ind002a_53

ELSEIF ind1a = 54 THEN
ind002a_54 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
541100 Legal Services
541200 Accounting, Tax Preparation, Bookkeeping, and Payroll Services
541300 Architectural, Engineering, and Related Services
541400 Specialized Design Services
541500 Computer Systems Design and Related Services
541600 Management, Scientific, and Technical Consulting Services
541613 Marketing Consulting Services
541700 Scientific Research and Development Services
541810 Advertising or Public Relations Agencies
541910 Market Research and Public Opinion Polling
541940 Veterinary Services

541900 Other Professional, Scientific, and Technical Services

ind2a := ind002a_54

ELSEIF ind1a = 61 THEN

ind002a_61 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
611100 Preschool or Kindergarten
611101 Elementary School
611102 Middle School
611103 High School
611104 Junior College
611105 College, University, and Professional School
611106 Business School and Computer and Management Training
611107 Technical and Trade School
611108 Other Schools and Instruction
611109 Educational Services (including Libraries, Tutoring, and Exam Preparation)

ind2a := ind002a_61

ELSEIF ind1a = 62 THEN

ind002a_62 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
621100 Offices of Physicians
621200 Offices of Dentists
621300 Offices of Other Health Practitioners
621400 Outpatient Care Centers
621500 Medical and Diagnostic Laboratories
621600 Home Health Care Services
621900 Other Ambulatory Health Care Services
622000 Hospitals
623000 Nursing and Residential Care Facilities
624000 Social Assistance

ind2a := ind002a_62

ELSEIF ind1a = 71 THEN

ind002a_71 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
711000 Performing Arts, Spectator Sports, and Related Industries
712000 Museums, Historical Sites, and Similar Institutions
713000 Amusement, Gambling, and Recreation Industries (including Fitness and Recreational Sports Centers)

| ind2a := ind002a_71
ELSEIF ind1a = 72 THEN
ind002a_72 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
721110 Hotels (except Casino Hotels) and Motels
721120 Casino Hotels
721119 Other traveler accommodation (including Bed-and-Breakfast Inns)
721200 RV (Recreational Vehicle) Parks and Recreational Camps
721300 Rooming and Boarding Houses
722310 Food Service Contractors
722320 Caterers
722330 Mobile Food Services
722400 Drinking Places (Alcoholic Beverages)
722500 Restaurants and Other Eating Places

ind2a := ind002a_72
ELSEIF ind1a = 80 THEN
ind002a_80 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
811100 Automotive Repair and Maintenance
811200 Electronic and Precision Equipment Repair and Maintenance
811300 Commercial and Industrial Machinery and Equipment Repair and Mainte- nance
811400 Personal and Household Goods Repair and Maintenance

ind2a := ind002a_80
ELSEIF ind1a = 81 THEN
ind002a_81 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
812110 Hair, Nail, and Skin Care Services
812190 Other Personal Care Services (including Diet and Weight Reduction)
812910 Pet Care (except Veterinary) Services
812200 Death Care Services
812300 Drycleaning and Laundry Services
814000 Private Household Service

ind2a := ind002a_81
ELSEIF ind1a = 82 THEN
ind002a_82 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*

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813100 Religious Organizations
813200 Grantmaking and Giving Services
813300 Social Advocacy Organizations
813400 Civic and Social Organizations
813900 Business, Professional, Labor, Political, and Similar Organizations

ind2a := ind002a_82

ELSEIF ind1a = 92 THEN

ind002a_92 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
921000 Executive, Legislative, and Other General Government Support
922000 Justice, Public Order, and Safety Activities (including Police and Firefighters)
923000 Administration of Human Resource Programs
924000 Administration of Environmental Quality Programs
925000 Administration of Housing Programs, Urban Planning, and Community Development
926000 Administration of Economic Programs
927000 Space Research and Technology
928000 National Security and International Affairs

ind2a := ind002a_92

ELSEIF ind1a = 93 THEN

ind002a_93 (industry working in in section Ucla_background)
And, which of the following best describes the industry in which this person currently works? *Select one answer only.*
931000 US Army
932000 US Air Force
933000 US Navy
934000 US Marines
935000 US Coastguard
936000 US Armed Forces, branch not specified
937000 Military Reserves or National Guard
938000 Other Armed Forces

ind2a := ind002a_93

END OF IF

IF ind2a = RESPONSE THEN
ind1a_final := substr(ind2a, 0, 2)
END OF IF

END OF IF

END OF IF

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END OF IF

End of section **Ucla_background**

Start of section **Ucla_comorbid**

/* The answer options in question ucc001 are presented in random order per variables ucc001_order with values:

- ○ 1 Cancer

- ○ 2 Chronic kidney disease

- ○ 3 Chronic obstructive pulmonary disease

- ○ 4 Immunocompromised state (weakened immune system) from solid organ transplant

- ○ 5 Obesity (Body Mass Index of 30 or greater)

- ○ 6 Serious heart conditions (heart failure, coronary artery disease or cardiomyopathies)

- ○ 7 Sickle cell disease

- ○ 8 Type 2 diabetes mellitus

- ○ 9 None of these

Note: Answer option 'None of these' is always presented last. */

IF sizeof(ucc001_order) = 0 THEN
  ucc001_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8))
  ucc001_order(9) := 9
END OF IF

ucc001 (any medical conditions in section Ucla_comorbid)
Have you been diagnosed by a doctor or other qualified medical professional with any of the following medical conditions?

Please select all that apply.
1 Cancer
2 Chronic kidney disease
3 Chronic obstructive pulmonary disease
4 Immunocompromised state (weakened immune system) from solid organ transplant
5 Obesity (Body Mass Index of 30 or greater)
6 Serious heart conditions (heart failure, coronary artery disease or cardiomyopathies)
7 Sickle cell disease
8 Type 2 diabetes mellitus
9 None of these

IF sizeof(ucc002_order) = 0 THEN
  ucc002_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10, 11 →11))
  ucc002_order(12) := 12
END OF IF

ucc002 (any medical conditions in section Ucla_comorbid)
Have you been diagnosed by a doctor or other qualified medical professional with any of the following medical conditions?

Please select all that apply.
1 Asthma (moderate-to-severe)
2 Cerebrovascular disease (affects blood vessels and blood supply to the brain)
3 Hypertension
4 Immunocompromised state (weakened immune system) from blood or bone marrow transplant, immune deficiencies, HIV, steroid use, or use of other immune weakening medicines

5 Neurologic conditions
6 Liver disease
7 Pregnancy
8 Pulmonary fibrosis
9 Smoking
10 Thalassemia
11 Type 1 diabetes mellitus
12 None of these

IF ucc001 = 9 AND ucc002 = 12 THEN
/* The answer options in question ucc003 are presented in random order per variables ucc003_order with values:

- ○ 1 Cancer

- ○ 2 Chronic kidney disease

- ○ 3 Chronic obstructive pulmonary disease

- ○ 4 Immunocompromised state (weakened immune system) from solid organ transplant

- ○ 5 Obesity (Body Mass Index of 30 or greater)

- ○ 6 Serious heart conditions (heart failure, coronary artery disease or cardiomyopathies)

- ○ 7 Sickle cell disease

- ○ 8 Type 2 diabetes mellitus

- ○ 9 None of these

Note: The order for ucc003 is the same as for ucc001. */

IF sizeof(ucc003_order) = 0 THEN
ucc003_order := ucc001_order
END OF IF

ucc003 (anyone in hh any medical conditions in section Ucla_comorbid)
Do you live with anyone who has been diagnosed by a doctor or other qualified medical professional with any of the following medical conditions?
1 Cancer
2 Chronic kidney disease
3 Chronic obstructive pulmonary disease
4 Immunocompromised state (weakened immune system) from solid organ transplant
5 Obesity (Body Mass Index of 30 or greater)
6 Serious heart conditions (heart failure, coronary artery disease or cardiomyopathies)

7 Sickle cell disease
8 Type 2 diabetes mellitus
9 None of these

/* The answer options in question ucc002 are presented in random order per variables ucc002_order with values:

- ○ 1 Asthma (moderate-to-severe)

- ○ 2 Cerebrovascular disease (affects blood vessels and blood supply to the brain)

- ○ 3 Hypertension

- ○ 4 Immunocompromised state (weakened immune system) from blood or bone marrow transplant, immune deficiencies, HIV, steroid use, or use of other immune weakening medicines

- ○ 5 Neurologic conditions

- ○ 6 Liver disease

- ○ 7 Pregnancy

- ○ 8 Pulmonary fibrosis

- ○ 9 Smoking

- ○ 10 Thalassemia

- ○ 11 Type 1 diabetes mellitus

- ○ 12 None of these

Note: The order for ucc004 is the same as for ucc002. */

IF sizeof(ucc004_order) = 0 THEN
| ucc004_order := ucc004_order
END OF IF

ucc004 (anyone in hh any medical conditions in section Ucla_comorbid)
Do you live with anyone who has been diagnosed by a doctor or other qualified medical professional with any of the following medical conditions?

Please select all that apply.
1 Asthma (moderate-to-severe)
2 Cerebrovascular disease (affects blood vessels and blood supply to the brain)
3 Hypertension
4 Immunocompromised state (weakened immune system) from blood or bone marrow transplant, immune deficiencies, HIV, steroid use, or use of other immune weakening

medicines
5 Neurologic conditions
6 Liver disease
7 Pregnancy
8 Pulmonary fibrosis
9 Smoking
10 Thalassemia
11 Type 1 diabetes mellitus
12 None of these

END OF IF

End of section **Ucla_comorbid**

Start of section **Ucla_testing**

ucb001 (parent or guardian of at least one child under the age of 18 years in section Ucla_background)
Are you the parent or guardian of at least one child under the age of 18 years?
1 Yes
2 No

IF ucb001 = 1 THEN
  ucb002 (child live at home with you in section Ucla_background)
  Does this child (or these children) live at home with you?
  1 Yes, all of the time
  2 Yes, most or some of the time
  3 No

  ucb004 (child (or these children) enrolled in a K-12 school in section Ucla_background)
  Is this child (or these children) enrolled in a K-12 school? Do not include homeschooling.
  1 Yes
  2 No
ELSE
  ucb003 (at least one child under the age of 18 years living at home in section Ucla_background)
  Is there at least one child under the age of 18 years living at home with you?
  1 Yes, all of the time
  2 Yes, most or some of the time
  3 No

  ucb004 (child (or these children) enrolled in a K-12 school in section Ucla_background)
  Is this child (or these children) enrolled in a K-12 school? Do not include homeschooling.
  1 Yes
  2 No

IF ucb001 = 1 THEN

uct001 (allow school to test for covid in section Ucla_testing)
Do you agree or disagree with the following statement?

If my child's (or children's) school offered a rapid COVID-19 test (with results ready in about 10 minutes), I would allow the school to test my child for COVID-19.
1 Strongly agree
2 Agree
3 Disagree
4 Strongly Disagree
5 Unsure

IF uct001 IN (1,2) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

uct002 (how often allow school to test in section Ucla_testing)
How often would you allow the school to test your child (or children) for COVID-19?
1 Once a week
2 Twice a week
3 Three times a week
4 Every day they go to school
5 Some other interval - please specify:

uct002_other (other how often allow school to test in section Ucla_testing)
STRING

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

uct003 (methods of testing allow by school in section Ucla_testing)
Which method of rapid COVID-19 testing would you allow your child (or children) have done by the school?

Please select all that apply.
1 Oral cheek swab
2 Saliva (spit) test
3 Nose swab
4 Blood test
5 Other - please specify:

uct003_other (other methods of testing allow by school in section Ucla_testing)

| STRING

| END OF GROUP
ELSE
  GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

uct004 (concerns of school doing covid test in section Ucla_testing)
Do you have concerns about the rapid COVID-19 test if it is given to your child (or children) by the school (test result is available within 10-30 minutes)?

Please select all that apply.
1 I am concerned about the accuracy of the test
2 I am concerned that the test would cause my child (or children) discomfort
3 I don't think it is necessary
4 Some other reason. Please specify:
5 I do not have any concerns

uct004_other (other concerns of school doing covid test in section Ucla_testing)
STRING

END OF GROUP
END OF IF
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

utc005_intro (Section Ucla_testing)
Suppose you needed a COVID-19 test. Please indicate your responses to the following statements.

If I needed a COVID-19 test,

SUBGROUP OF QUESTIONS

utc005a (I would know where to get the test in section Ucla_testing)
I would know where to get the test
1 Yes
2 No
3 Unsure

utc005b (I could get access the test easily in section Ucla_testing)
I could get access the test easily
1 Yes
2 No

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3 Unsure

utc005c (I would worry about the cost of the test or my health insurance not covering it in section Ucla_testing)
I would worry about the cost of the test or my health insurance not covering it
1 Yes
2 No
3 Unsure

utc005d (I would worry about becoming exposed to someone who is infected while getting the test in section Ucla_testing)
I would worry about becoming exposed to someone who is infected while getting the test
1 Yes
2 No
3 Unsure

utc005e (I would worry about having to wait in a long line to get the test done in section Ucla_testing)
I would worry about having to wait in a long line to get the test done
1 Yes
2 No
3 Unsure

utc005f (I would not want to share the results with the public health department in section Ucla_testing)
I would not want to share the results with the public health department
1 Yes
2 No
3 Unsure

utc005g (I would trust the result of the test in section Ucla_testing)
I would trust the result of the test
1 Yes
2 No
3 Unsure

END OF SUBGROUP

END OF GROUP

utc006 (negative result feel comfortable in section Ucla_testing)
If I were tested for COVID-19 and my result came back negative, I would still wear a mask or face covering while:

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Please select all that apply.
1 Being around people
2 Visiting a friend or family member who is elderly or has a chronic health condition
3 Attending an indoor event or gathering
4 None of the above

utc007 (positive result actions in section Ucla_testing)
If I were to get tested for COVID-19 and the result was positive, I would

Please select all that apply.
1 Worry about losing my job
2 Worry about not being able to isolate myself from others
3 Worry that others would see me as dangerous
4 Worry that I would be labeled as having a pre-existing condition
5 Not trust the result
6 Not change where I go or what I do
7 None of the above

End of section **Ucla_testing**

Start of section **Ucla_vaccine**

ucv_intro (Section Ucla_vaccine)
There are currently no vaccines available for COVID-19, but one or more vaccines might become available in late 2020 or in 2021. The following questions will ask about potential COVID-19 vaccines.

vax2 (get vaccine in section Ucla_vaccine)
If a vaccine against the coronavirus becomes available, do you plan to get vaccinated or not?
1 Yes, I will get a coronavirus vaccine as soon as it is available
2 Yes, but I want to wait and see
3 No, but I want to wait and see
4 No, I will not get a coronavirus vaccine
5 Not sure

IF vax2 IN (1,2) THEN
 GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

 vax3 (reasons for getting vaccine in section Ucla_vaccine)
 Which of the following are reasons you would get a coronavirus vaccine?

 Please select all that apply
 1 I want to protect my family
 2 I want to protect my community

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3 I want to protect myself
4 I have a chronic health condition, such as asthma or diabetes, so it is important that I receive a coronavirus vaccine
5 My doctor recommends vaccines
6 It would be the best way to avoid getting seriously ill from the coronavirus
7 It would allow me to feel safe socializing with other people
8 It would allow me to feel safe sending my child to school
9 It would allow me to feel safe going back to work
10 Life won't go back to normal until most people are vaccinated
11 Other - please specify:
12 Don't know

vax3_other (other reasons for getting vaccine in section Ucla_vaccine)
STRING

END OF GROUP

ucv001 (still get vaccine even if only 50-70% effective in section Ucla_vaccine)
I will still get a coronavirus vaccine, even it turns out to be only 50% - 70% effective at preventing COVID-19.
1 Strongly Agree
2 Agree
3 Disagree
4 Strongly Disagree
5 Unsure

ELSE
IF ucv002_randomizer = EMPTY THEN
ucv002_randomizer := mt_rand(1,6)
END OF IF

/* Respondents are asked to identify the main reasons for not getting a coronavirus vaccine. They are presented with three blocks of reasons and choose one from each. The blocks are presented in random order per variable ucv002_randomizer:

○ 1 Block 1,2,3

○ 2 Block 1,3,2

○ 3 Block 2,1,3

○ 4 Block 2,3,1

○ 5 Block 3,1,2

○ 6 Block 3,2,1

Note: in the below ucv002_randomizer = 1 shows block 1, 2 and 3 in sequential order. */

IF ucv002_randomizer = 1 THEN
Start of section **Ucla_vac_block1**

/* The answer options in question ucv002a are presented in random order per variables ucv002a_order with values:

- 1 I am concerned about the side effects and safety

- 2 I am concerned that the COVID-19 vaccine is being developed too fast

- 3 I don't think the vaccine has been tested on enough people like me yet

- 4 I think the COVID-19 vaccine will not work

- 5 I already had COVID-19 and should be immune

- 6 The vaccine could give me COVID-19

- 7 COVID-19 is not a serious illness

- 8 None of the above

Note: Answer option 'None of the above' is always presented last. */

IF sizeof(ucv002a_order) = 0 THEN
ucv002a_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7))
ucv002a_order(8) := 8
END OF IF

ucv002a (why not get vaccine version a in section Ucla_vaccine)
Which of the following, if any, are reasons that you will not or are unsure whether you will get a COVID-19 vaccine?

Please select all that apply.
1 I am concerned about the side effects and safety
2 I am concerned that the COVID-19 vaccine is being developed too fast
3 I don't think the vaccine has been tested on enough people like me yet
4 I think the COVID-19 vaccine will not work
5 I already had COVID-19 and should be immune
6 The vaccine could give me COVID-19
7 COVID-19 is not a serious illness
8 None of the above

IF ucv002a = RESPONSE AND ucv002a != 8 THEN

ucv003a_order := ucv002a_order
ucv003a_order(8) := empty

LOOP FROM 1 TO 7

  IF not(cnt IN ucv002a) THEN

    tempindex := array_search(cnt, ucv003a_order)
    ucv003a_order(tempindex) := empty

  END OF IF

END OF LOOP

ucv003a_order := removeEmpties(ucv003a_order)

IF sizeof(ucv003a_order) > 1 THEN
  ucv003a (main reason unsure version 1 in section Ucla_vaccine)
  Among the reasons you cited, which is the **main** reason you will not or are unsure
  whether you will get a COVID-19 vaccine?
  1 I am concerned about the side effects and safety
  2 I am concerned that the COVID-19 vaccine is being developed too fast
  3 I don't think the vaccine has been tested on enough people like me yet
  4 I think the COVID-19 vaccine will not work
  5 I already had COVID-19 and should be immune
  6 The vaccine could give me COVID-19
  7 COVID-19 is not a serious illness
ELSE
  ucv003a := reset(ucv003a_order)
END OF IF
END OF IF

End of section **Ucla_vac_block1**

Start of section **Ucla_vac_block2**

/* The answer options in question ucv002b are presented in random order per
variables ucv002b_order with values:

  ○ 1 I don't like vaccines

  ○ 2 I believe vaccines are dangerous

  ○ 3 I don't like needles

IF sizeof(ucv002b_order) = 0 THEN
  ucv002b_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
  ucv002b_order(7) := 7
END OF IF

ucv002b (why not get vaccine version b in section Ucla_vaccine)
Which of the following, if any, are reasons that you will not or are unsure whether you will get a COVID-19 vaccine?

Please select all that apply.
1 I don't like vaccines
2 I believe vaccines are dangerous
3 I don't like needles
4 I didn't know I needed a vaccine against COVID-19
5 My doctor has not recommended a COVID-19 vaccine to me
6 I am not a member of any group that is at high risk from COVID-19
7 None of the above

IF ucv002b = RESPONSE AND ucv002b != 7 THEN
  ucv003b_order := ucv002b_order
  ucv003b_order(7) := empty

  LOOP FROM 1 TO 6

    IF not(cnt IN ucv002b) THEN

      tempindex := array_search(cnt, ucv003b_order)
      ucv003b_order(tempindex) := empty

    END OF IF

  END OF LOOP

  ucv003b_order := removeEmpties(ucv003b_order)

  IF sizeof(ucv003b_order) > 1 THEN

ucv003b (main reason unsure version 2 in section Ucla_vaccine)

Among the reasons you cited, which is the **main** reason you will not or are unsure whether you will get a COVID-19 vaccine?

1 I don't like vaccines

2 I believe vaccines are dangerous

3 I don't like needles

4 I didn't know I needed a vaccine against COVID-19

5 My doctor has not recommended a COVID-19 vaccine to me

6 I am not a member of any group that is at high risk from COVID-19

ELSE

ucv003b := reset(ucv003b_order)

END OF IF

END OF IF

End of section **Ucla_vac_block2**

Start of section **Ucla_vac_block3**

/* The answer options in question ucv002c are presented in random order per variables ucv002c_order with values:

- 1 I plan to use masks and other precautions instead

- 2 I plan to wait and see if it is safe and may get it later

- 3 I don't know where to get it

- 4 I am concerned about the costs associated with the vaccine (such as office visit costs or vaccine administration fees)

- 5 I don't trust the government

- 6 Something else that hasn't been mentioned

- 7 None of the above

Note: Answer option 'None of the above' is always presented last. */

IF sizeof(ucv002c_order) = 0 THEN

ucv002c_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5))

ucv002c_order(6) := 6

ucv002c_order(7) := 7

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ucv002c (why not get vaccine version c in section Ucla_vaccine)
Which of the following, if any, are reasons that you will not or are unsure whether you will get a COVID-19 vaccine?

Please select all that apply.
1 I plan to use masks and other precautions instead
2 I plan to wait and see if it is safe and may get it later
3 I don't know where to get it
4 I am concerned about the costs associated with the vaccine (such as office visit costs or vaccine administration fees)
5 I don't trust the government
6 Something else that hasn't been mentioned, please specify:
7 None of the above

ucv002c_other (other why not get vaccine version c in section Ucla_vaccine)
STRING

END OF GROUP

IF ucv002c = RESPONSE AND ucv002c != 7 THEN
ucv003c_order := ucv002c_order
ucv003c_order(7) := empty

  LOOP FROM 1 TO 6

    IF not(cnt IN ucv002c) THEN

      tempindex := array_search(cnt, ucv003c_order)
      ucv003c_order(tempindex) := empty

    END OF IF

  END OF LOOP

ucv003c_order := removeEmpties(ucv003c_order)

IF sizeof(ucv003c_order) > 1 THEN
  ucv003c (main reason unsure version 3 in section Ucla_vaccine)
  Among the reasons you cited, which is the **main** reason you will not or are unsure whether you will get a COVID-19 vaccine?
  1 I plan to use masks and other precautions instead
  2 I plan to wait and see if it is safe and may get it later
  3 I don't know where to get it
  4 I am concerned about the costs associated with the vaccine (such as office visit costs or vaccine administration fees)

```
      5 I don't trust the government
      6 (other why not get vaccine version c())
    ELSE
    ucv003c := reset(ucv003c_order)
    END OF IF
  END OF IF

  End of section Ucla_vac_block3
ELSEIF ucv002_randomizer = 2 THEN
  /* Block order 1,3,2 */


ELSEIF ucv002_randomizer = 3 THEN
  /* Block order 2,1,3 */


ELSEIF ucv002_randomizer = 4 THEN
  /* Block order 2,3,1 */


ELSEIF ucv002_randomizer = 5 THEN
  /* Block order 3,1,2 */


ELSEIF ucv002_randomizer = 6 THEN
  /* Block order 3,2,1 */

  END OF IF

  End of section Ucla_vac_block1
END OF IF
END OF IF
```

ucv004 (concerned abou covid or vaccine in section Ucla_vaccine)
Are you more concerned about severity of the COVID-19 illness, or are you more concerned about the COVID-19 vaccine side effects?
1 I am more concerned about the COVID-19 illness
2 I am more concerned about the COVID-19 vaccine and its side effects
3 I am equally concerned about both
4 I am not concerned about either

ucv005 (trust in vaccine manufacturing process in section Ucla_vaccine)
How much do you trust the process in general (not just for COVID-19) to develop safe vac-

cines for the public?
1 Fully trust
2 Mostly trust
3 Somewhat trust
4 Do not trust

ucv006 (trust in governmental approval process in section Ucla_vaccine)
How much do you trust the governmental approval process to ensure the COVID-19 vaccine is safe for the public?
1 Fully trust
2 Mostly trust
3 Somewhat trust
4 Do not trust

ucv007 (enough people corona vaccine no need for masks and distancing in section Ucla_vaccine)
Please indicate how strongly you agree or disagree with the following statement.

If enough people get the coronavirus vaccine, we will no longer need to wear masks in public or practice social distancing.
1 Strongly agree
2 Agree
3 Disagree
4 Strongly disagree
5 Unsure

ucv008_intro (Section Ucla_vaccine)
In the following questions, please answer whether you agree or disagree with the following statements about **coronavirus vaccine for YOU**.

ucv008a (The COVID vaccine will be important for my health. in section Ucla_vaccine)
The COVID vaccine will be important for my health.
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008b (Getting a COVID vaccine would be a good way to protect me from coronavirus disease in section Ucla_vaccine)
Getting a COVID vaccine would be a good way to protect me from coronavirus disease
1 Strong disagree

2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008c (The COVID vaccine will be effective if it is approved by the FDA or CDC. in section Ucla_vaccine)
The COVID vaccine will be effective if it is approved by the FDA or CDC.
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008d (Getting the COVID vaccine will be important for the health of others in my community in section Ucla_vaccine)
Getting the COVID vaccine will be important for the health of others in my community
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008e (The COVID vaccine will be beneficial to me in section Ucla_vaccine)
The COVID vaccine will be beneficial to me
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008f (I will do what my doctor or health care provider recommends about the COVID vaccine in section Ucla_vaccine)
I will do what my doctor or health care provider recommends about the COVID vaccine
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008g (The COVID vaccine will not be around long enough to be sure it is safe in section Ucla_vaccine)
The COVID vaccine will not be around long enough to be sure it is safe
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008h (I am concerned about serious side effects of the COVID vaccine in section Ucla_vaccine)

I am concerned about serious side effects of the COVID vaccine
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

ucv008i (I think the COVID vaccine might cause lasting health problems for me in section Ucla_vaccine)
I think the COVID vaccine might cause lasting health problems for me
1 Strong disagree
2 Somewhat disagree
3 Somewhat agree
4 Strong agree

END OF SUBGROUP

END OF GROUP

End of section **Ucla_vaccine**

Start of section **Ucla_flu**

ucf_mainintro (Section Ucla_flu)
Now we would like to ask you several questions about the vaccine for influenza (or "the flu"). The flu is different from COVID-19 and the flu vaccine is different from a possible COVID-19 vaccine.

IF ucb001 = 1 THEN
ucf001_questions := array(1 →"ucf001a", 2 →"ucf001b", 3 →"ucf001c", 4 →"ucf001d", 5 →"ucf001e", 6 →"ucf001f", 7 →"ucf001g", 8 →"ucf001h", 9 →"ucf001i")

/* The question series ucf001a to ucf001i are presented in random order per variables ucf001_order with values:

- 1 The flu vaccine is important for my child's health. (ucf001a)

- 2 The flu vaccine is effective. (ucf001b)

- 3 Having my child vaccinated for the flu is important for the health of others in my community. (ucf001c)

- 4 The flu vaccine is beneficial for my child. (ucf001d)

- 5 The information I receive about the flu vaccine from my child's health care provider is reliable and trustworthy. (ucf001e)

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○ 6 Getting flu vaccine is a good way to protect my child from flu illness. (ucf001f)

○ 7 I do what my child's health care provider recommends about flu vaccine. (ucf001g)

○ 8 I am concerned about serious side effects of flu vaccine. (ucf001h)

○ 9 I am more hesitant about my child getting the flu vaccine than other childhood vaccines. (ucf001i)

Answer options for all questions in the series are:

○ 1 Strong disagree

○ 2 Somewhat disagree

○ 3 Somewhat agree

○ 4 Strong agree

*/

IF sizeof(ucf001_order) = 0 THEN
  ucf001_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9))
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ucf_intro (Section Ucla_flu)
In the following questions, please answer whether you agree or disagree with the following statements about **influenza vaccine (or flu vaccine) for your child.**

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 9

/* Question series ucf001a to ucf001i are presented in random order per variables ucf001_order as described above. */

END OF LOOP

END OF SUBGROUP

END OF GROUP
END OF IF

ucf002 (get a flu vaccination during last year's flu season in section Ucla_flu)

Did you get a flu vaccination during last year's flu season, which would have been some-
time from July of last year (2019) through May of this year (2020)?
1 Yes
2 No
3 Unsure

ucf003 (how often have you received a flu vaccination in section Ucla_flu)
Over the past 5 flu seasons (from July 2015 through May 2020), how often have you re-
ceived a flu vaccination?
1 Always
2 Often
3 Sometimes
4 Rarely
5 Never

ucf004 (received a flu vaccination this flu season in section Ucla_flu)
Have you had a flu vaccination for the current flu season (July 2020 until now)?
1 Yes, I have already received a flu vaccination
2 Not yet, but I am scheduled to receive a flu vaccination
3 No

IF ucf004 != 1 THEN

ucf005 (covid changed desire for flu vaccine in section Ucla_flu)
How has the COVID-19 pandemic changed your desire to receive a flu vaccine for the
current flu season (July 2020 - current date)?
1 It has increased my desire to receive a flu vaccine
2 It has decreased my desire to receive a flu vaccine
3 It has not changed my desire to receive a flu vaccine
4 Unsure

ucf006 (how likely to get a flu vaccination in section Ucla_flu)
How likely are you to get a flu vaccination for the current flu season before the end of
May 2021?
1 Absolutely certain
2 Very likely
3 Somewhat likely
4 Not likely

IF ucf006 IN (3,4) THEN

/* Respondents are asked to identify the main reasons for not getting a flu vaccine. They
are presented with three blocks of reasons and choose one from each. The blocks are
presented in random order per variable ucf007_randomizer:

o 1 Block 1,2,3

- ○ 2 Block 1,3,2

- ○ 3 Block 2,1,3

- ○ 4 Block 2,3,1

- ○ 5 Block 3,1,2

- ○ 6 Block 3,2,1

Note: in the below ucf007_randomizer = 1 shows block 1, 2 and 3 in sequential order. */

IF ucf007_randomizer = EMPTY THEN
 | ucf007_randomizer := mt_rand(1,6)
END OF IF

IF ucf007_randomizer = 1 THEN
 Start of section **Ucla_flu_block1**

 /* The answer options in question ucf007a are presented in random order per variables ucf007a_order with values:

- ○ 1 I do not feel the need for a vaccination

- ○ 2 Others need to be vaccinated more than I do

- ○ 3 I already had the flu

- ○ 4 I don't think the vaccination is effective in preventing flu

- ○ 5 I just don't want the vaccine

- ○ 6 I am already wearing a mask and social distancing, so I don't need a vaccine

- ○ 7 None of the above

Note: Answer option 'None of the above' is always presented last. */

IF sizeof(ucf007a_order) = 0 THEN
 | ucf007a_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
 | ucf007a_order(7) := 7
END OF IF

ucf007a (why not get flu shot version a in section Ucla_flu)
Which of the following, if any, are reasons that you are (only somewhat likely/not likely) to get a flu vaccination during the current flu season (July 2020 - May 2021)?

Please select all that apply.

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1 I do not feel the need for a vaccination
2 Others need to be vaccinated more than I do
3 I already had the flu
4 I don't think the vaccination is effective in preventing flu
5 I just don't want the vaccine
6 I am already wearing a mask and social distancing, so I don't need a vaccine
7 None of the above

IF ucf007a = RESPONSE AND ucf007a != 7 THEN
 ucf008a_order := ucf007a_order
 ucf008a_order(7) := empty

 LOOP FROM 1 TO 6

  IF not(cnt IN ucf007a) THEN

   tempindex := array_search(cnt, ucf008a_order)
   ucf008a_order(tempindex) := empty

  END OF IF

 END OF LOOP

 ucf008a_order := removeEmpties(ucf008a_order)

 IF sizeof(ucf008a_order) > 1 THEN
  ucf008a (main reason unsure version 1 in section Ucla_flu)
  Among the reasons you cited, which is the **main** reason you are (only somewhat likely/not likely) to get a flu vaccination during the current flu season (July 2020 - May 2021)?
  1 I do not feel the need for a vaccination
  2 Others need to be vaccinated more than I do
  3 I already had the flu
  4 I don't think the vaccination is effective in preventing flu
  5 I just don't want the vaccine
  6 I am already wearing a mask and social distancing, so I don't need a vaccine
 ELSE
  ucf008a := reset(ucf008a_order)
 END OF IF
END OF IF

End of section **Ucla_flu_block1**

Start of section **Ucla_flu_block2**

/* The answer options in question ucf007b are presented in random order per variables ucf007b_order with values:

- ○ 1 I haven't gotten around to it yet

- ○ 2 I haven't had the time

- ○ 3 I can't afford it, or flu vaccination costs too much

- ○ 4 The vaccination was or is not available

- ○ 5 My employer or the location where I work hasn't offered vaccination at the work site

- ○ 6 None of the above

Note: Answer option 'None of the above' is always presented last. */

IF sizeof(ucf007b_order) = 0 THEN
  ucf007b_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5))
  ucf007b_order(6) := 6
END OF IF

ucf007b (why not get flu shot version b in section Ucla_flu)
Which of the following, if any, are reasons that you are (only somewhat likely/not likely) to get a flu vaccination during the current flu season (July 2020 - May 2021)?

Please select all that apply.
1 I haven't gotten around to it yet
2 I haven't had the time
3 I can't afford it, or flu vaccination costs too much
4 The vaccination was or is not available
5 My employer or the location where I work hasn't offered vaccination at the work site
6 None of the above

IF ucf007b = RESPONSE AND ucf007b != 6 THEN
  ucf008b_order := ucf007b_order
  ucf008b_order(6) := empty

  LOOP FROM 1 TO 5

    IF not(cnt IN ucf007b) THEN

```
    tempindex := array_search(cnt, ucf008b_order)
    ucf008b_order(tempindex) := empty
```

 END OF IF

END OF LOOP

ucf008b_order := removeEmpties(ucf008b_order)

IF sizeof(ucf008b_order) > 1 THEN
ucf008b (main reason unsure version 2 in section Ucla_flu)
Among the reasons you cited, which is the **main** reason you are (only somewhat likely/not likely) to get a flu vaccination during the current flu season (July 2020 - May 2021)?
1 I haven't gotten around to it yet
2 I haven't had the time
3 I can't afford it, or flu vaccination costs too much
4 The vaccination was or is not available
5 My employer or the location where I work hasn't offered vaccination at the work site
ELSE
ucf008b := reset(ucf008b_order)
END OF IF
END OF IF

End of section **Ucla_flu_block2**

Start of section **Ucla_flu_block3**

/* The answer options in question ucf007c are presented in random order per variables ucf007c_order with values:

- 1 I am allergic to the vaccine or there is another medical reason I cannot get the vaccine

- 2 I might experience side effects

- 3 I might get sick from the vaccine

- 4 I am afraid of needles or getting shots

- 5 I think the ingredients in the vaccine are not good for me

- 6 I am worried I might catch COVID-19 when I go get the flu vaccine

- 7 Something else that hasn't been mentioned

IF sizeof(ucf007c_order) = 0 THEN
  ucf007c_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
  ucf007c_order(7) := 7
  ucf007c_order(8) := 8
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ucf007c (why not get flu shot version c in section Ucla_flu)
Which of the following, if any, are reasons that you are (only somewhat likely/not likely) to get a flu vaccination during the current flu season (July 2020 - May 2021)?

Please select all that apply.
1 I am allergic to the vaccine or there is another medical reason I cannot get the vaccine
2 I might experience side effects
3 I might get sick from the vaccine
4 I am afraid of needles or getting shots
5 I think the ingredients in the vaccine are not good for me
6 I am worried I might catch COVID-19 when I go get the flu vaccine
7 Something else that hasn't been mentioned, please specify:
8 None of the above

ucf007c_other (other why not get flu shot version c in section Ucla_flu)
STRING

END OF GROUP

IF ucf007c = RESPONSE AND ucf007c != 8 THEN
  ucf008c_order := ucf007c_order
  ucf008c_order(8) := empty

  LOOP FROM 1 TO 7

    IF not(cnt IN ucf007c) THEN

      tempindex := array_search(cnt, ucf008c_order)
      ucf008c_order(tempindex) := empty

    END OF IF

END OF LOOP

ucf008c_order := removeEmpties(ucf008c_order)

IF sizeof(ucf008c_order) > 1 THEN
ucf008c (main reason unsure version 3 in section Ucla_flu)
Among the reasons you cited, which is the **main** reason you are (only somewhat likely/not likely) to get a flu vaccination during the current flu season (July 2020 - May 2021)?
1 I am allergic to the vaccine or there is another medical reason I cannot get the vaccine
2 I might experience side effects
3 I might get sick from the vaccine
4 I am afraid of needles or getting shots
5 I think the ingredients in the vaccine are not good for me
6 I am worried I might catch COVID-19 when I go get the flu vaccine
7 (other why not get flu shot version c())
ELSE
ucf008c := reset(ucf008c_order)
END OF IF
END OF IF

End of section **Ucla_flu_block3**
ELSEIF ucf007_randomizer = 2 THEN
/* Block order 1,3,2 */

ELSEIF ucf007_randomizer = 3 THEN
/* Block order 2,1,3 */

ELSEIF ucf007_randomizer = 4 THEN
/* Block order 2,3,1 */

ELSEIF ucf007_randomizer = 5 THEN
/* Block order 3,1,2 */

ELSEIF ucf007_randomizer = 6 THEN
/* Block order 3,2,1 */

'
END OF IF
END OF IF

IF ucf006 IN (1,2,3) THEN
/* The answer options in question ucf009 are presented in random order per variables ucf009_order with values:

- 1 A doctor's office or health maintenance organization (HMO)

- 2 A health department

- 3 Another type of clinic or health center (a community health center)

- 4 A senior, recreation, or community center

- 5 A pharmacy

- 6 A supermarket or other store

- 7 A hospital (inpatient)

- 8 An emergency room

- 9 Workplace

- 10 A school

- 11 Some other kind of place

- 12 Not sure

Note: Answer options 'Some other kind of place' and 'Not sure' are always presented last. */

IF sizeof(ucf009_order) = 0 THEN
ucf009_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8 →8, 9 →9, 10 →10))
ucf009_order(11) := 11
ucf009_order(12) := 12
END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ucf009 (where get flu vaccin in section Ucla_flu)
Where do you want to get your flu vaccination for the current flu season given the COVID-19 pandemic?
1 A doctor's office or health maintenance organization (HMO)

2 A health department
3 Another type of clinic or health center (a community health center)
4 A senior, recreation, or community center
5 A pharmacy
6 A supermarket or other store
7 A hospital (inpatient)
8 An emergency room
9 Workplace
10 A school
11 Some other kind of place, please specify:
12 Not sure

ucf009_other (other where get flu vaccine in section Ucla_flu)
STRING

END OF GROUP

IF ucf009 = RESPONSE AND ucf009 != 12 THEN
ucf009a_order := ucf009_order
ucf009a_order(12) := empty

LOOP FROM 1 TO 11

IF not(cnt IN ucf009) THEN

tempindex := array_search(cnt, ucf009_order)
ucf009a_order(tempindex) := empty

END OF IF

END OF LOOP

ucf009a_order := removeEmpties(ucf009a_order)

IF sizeof(ucf009a_order) > 1 THEN
ucf009a (most preferred get flu vaccin in section Ucla_flu)
Which of these places to receive a flu vaccination would you prefer the most?
1 A doctor's office or health maintenance organization (HMO)
2 A health department
3 Another type of clinic or health center (a community health center)
4 A senior, recreation, or community center
5 A pharmacy
6 A supermarket or other store
7 A hospital (inpatient)
8 An emergency room

```
│ │ │   9 Workplace
│ │ │   10 A school
│ │ │   11 (other where get flu vaccine())
│ │ ELSE
│ │ │  ucf009a := reset(ucf009a_order)
│ │ END OF IF
│ END OF IF
END OF IF
END OF IF
```

End of section **Ucla_flu**

Start of section **Closing**

CS_001 (HOW PLEASANT INTERVIEW in section Closing)
Could you tell us how interesting or uninteresting you found the questions in this interview?
1 Very interesting
2 Interesting
3 Neither interesting nor uninteresting
4 Uninteresting
5 Very uninteresting

CS_003 (comments in section Closing)
Do you have any other comments on the interview? Please type these in the box below. (If you have no comments, please click next to complete this survey.)
STRING

dummy := setCovid19DayPayment(266)

End of section **Closing**

/* Please note that although question CS_003 is listed in the routing, the answers are not included in the microdata in the event identifiable information is captured. Cleaned responses are available by request. */