

# UnderStandingAmericaStudy

UAS240: CORONAVIRUS TRACKING SURVEY LONG FORM WAVE 3



Survey author(s): Center for Economic and Social Research

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## 1 INTRODUCTION

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This UAS panel survey, titled "UAS 240: Coronavirus tracking survey long form wave 3" asks respondents about the impact of the coronavirus pandemic on their lives. This survey is no longer in the field. Respondents were paid \$13 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 waves UAS235/236 and UAS240-UAS269. Tracking survey details available at <https://uasdata.usc.edu/page/COVID-19+Corona+Virus>

### 1.1 Topics

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

### 1.2 Experiments

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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

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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](mailto:tgutsche@usc.edu).

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## 2 SURVEY RESPONSE AND DATA

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### 2.1 Sample selection and response rate

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The sample selection for this survey was:

All active respondents who consented to participate in UAS46.

As such, this survey was made available to 6636 UAS participants. Of those 6636 participants, 6258 completed the survey and are counted as respondents. Of those who are not counted as respondents, 29 started the survey without completing and 349 did not start the survey. The overall response rate was 94.30%.

The detailed survey response rate is as follows:

UAS240 - Response Overview	
Size of selected sample	6636
Completed the survey	6258
Started but did not complete the survey	29
Did not start the survey	349
Response rate	94.30%

### 2.2 Timings

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The survey took respondents an average of 22 minutes. Detailed timings distributions and times per question are available upon request.

### 2.3 Weighting

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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.

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### 3 STANDARD VARIABLES

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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

- **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.

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## 4 BACKGROUND DEMOGRAPHICS

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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.
- **hisplatin**: indicates whether the respondent identifies him or herself as being Hispanic or Latino.
- **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).
- **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.

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## 5 DATA CONVENTIONS

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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.

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## 6 ROUTING SYNTAX

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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.

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## 7 SURVEY WITH ROUTING

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### 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) and short version(UAS236/UAS241) of the survey every week while everyone else only receives the long version (UAS235/UAS240) 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'. \*/

```
lresident := getCovidLACounty()  
covidday := getCovidDay()  
Fill code of question FLCadence executed
```

/\* 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 or UAS241) \*/

```
IF getCovid19Preload("endtime") != "" THEN  
| FLDateEarlierSurvey := date("F j Y", strtotime(getCovid19Preload("endtime")))  
END OF IF
```

```
Fill code of question FLTimeReference executed  
Fill code of question FLTimeReferenceCR002 executed  
Fill code of question FLTimeReferenceLR009 executed
```

### 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)
- 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** ^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 pro-  
fessional diagnosed you as having or probably having the coronavirus( **since** ^FLDateEar-  
lierSurvey)?

- 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** ^FLDateEarlierSur-  
vey)?

- 1 Yes
- 2 No

END OF IF

**cr003** (cost of getting tested in section Corona)  
How much do you think it would cost for you to get tested?  
RANGE 0..9223372036854775807

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** **^FLDateEarlier-Survey**)?

- 1 Yes
- 2 No

IF cr011 = 1 THEN

```
cr012_questions := array(1 →"cr012a", 2 →"cr012b", 3 →"cr012c", 4 →"cr012d", 5  
→"cr012e", 6 →"cr012f", 7 →"cr012g", 8 →"cr012h")
```

*/\* The question series cr012a to cr012h are presented in random order per variables cr012.order with values:*

- o 1 A local health departments or hotline (cr012a)*
- o 2 Hospital or emergency room (cr012b)*
- o 3 My primary care doctor or another doctor (cr012c)*
- o 4 My employer, supervisor or school (cr012d)*
- o 5 Community or religious leaders (cr012e)*
- o 6 Family or friends (cr012f)*
- o 7 Online social contacts such as people on Facebook or Twitter (cr012g)*
- o 8 Other (cr012h)*

*Answer options for all questions in the series are:*

- o 1 Yes*
- o 2 No*

*\*/*

IF sizeof(cr012\_order) = 0 THEN

```
cr012_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7))
cr012_order(8) := 8
```

END OF IF

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr012\_intro** (Section Corona)

Who have you contacted( **since** ^FLDateEarlierSurvey) to let them know that you think you have coronavirus? Please check all that apply.

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 8

```
/* Question series cr012a to cr012h are presented in random order per variables
cr012_order as described above. */
```

END OF LOOP

END OF SUBGROUP

**cr012h\_other** (specify other contacted in section Corona)

STRING

END OF GROUP

END OF IF

END OF IF

**cr004** (sought care in section Corona)

Whether or not you have been tested, or diagnosed, have you sought medical care for coronavirus( **since** ^FLDateEarlierSurvey)?

1 Yes

2 No

IF cr004 = 1 THEN

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cr009** (where seek help in section Corona)

When you sought medical care for coronavirus( **since** ^FLDateEarlierSurvey), where did you first seek care?

1 Hospital or emergency room

2 Urgent care

3 My primary care doctor or another doctor

- 4 A local health department
- 5 Other, please specify:
- 6 I did not seek care

**cr009\_other** (other where seek help in section Corona)  
STRING

END OF GROUP

IF cr009 = RESPONSE THEN

LOOP FROM 1 TO 5

IF cnt IN cr009 THEN

Fill code of question FL\_cr009\_dummy executed

**cr010a** (find care in section Corona)

When you sought care from (**hospital or emergency room/urgent care/your primary care doctor or another doctor/a local health department/~cr009\_other**) did you obtain care?

- 1 Yes, in person
- 2 Yes, phone or video visit
- 3 Did not obtain care

IF cr010a(cnt) = 1 THEN

**cr010b** (called ahead before seeking care in section Corona)

Did you call ahead before seeking care in person?

- 1 Yes
- 2 No

END OF IF

END OF IF

END OF LOOP

END OF IF

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**

```
cr014_questions := array(1 →"cr014a", 2 →"cr014b", 3 →"cr014c", 4 →"cr014d", 5 →"cr014e",  
6 →"cr014f", 7 →"cr014g", 8 →"cr014h", 9 →"cr014i", 10 →"cr014j", 11 →"cr014k", 12  
→"cr014l", 13 →"cr014m", 14 →"cr014n", 15 →"cr014o", 16 →"cr014p", 17 →"cr014q", 18  
→"cr014r")
```

/\* The question series cr014a to cr014r are presented in random order per variables cr014\_order with values:

- 1 Fever or chills (cr014a)
- 2 Runny or stuffy nose (cr014b)
- 3 Chest congestion (cr014c)
- 4 Skin rash (cr014d)
- 5 Cough (cr014e)
- 6 Sore throat (cr014f)
- 7 Sneezing (cr014g)
- 8 Muscle or body aches (cr014h)
- 9 Headaches (cr014i)
- 10 Fatigue or tiredness (cr014j)
- 11 Shortness of breath (cr014k)
- 12 Abdominal discomfort (cr014l)
- 13 Vomiting (cr014m)
- 14 Hair Loss (cr014n)
- 15 Dry skin (cr014o)
- 16 Body temperature higher than 100.4 F or 38.0 C (cr014p)
- 17 Diarrhea (cr014q)
- 18 Lost sense of smell (cr014r)

Answer options for all questions in the series are:

- 1 Yes
- 2 No

- o 3 Unsure

\*/

IF sizeof(cr014\_order) = 0 THEN

```
cr014_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

**cr014\_intro** (Section Behavior)

Which of the following are the main symptoms people infected with the coronavirus experience?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 18

```
/* Question series cr014a to cr014r are presented in random order per variables  
cr014_order as described above. */
```

END OF LOOP

END OF SUBGROUP

#### END OF GROUP

```
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")
```

/\* The question series cr015a to cr015l are presented in random order per variables cr015\_order with values:

- o 1 Gone out to a bar, club, or other place where people gather (cr015a)
- o 2 Gone to the grocery store or pharmacy (cr015b)
- o 3 Gone to a friend, neighbor, or relative's residence (that is not your own) (cr015c)
- o 4 Had visitors such as friends, neighbors or relatives at your residence (cr015d)
- o 5 Attended a gathering with more than 10 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (cr015e)
- o 6 Sought care from a hospital or health care facility (cr015f)

- o 7 Been placed in isolation or quarantine (cr015g)
- o 8 Remained in your residence at all times, except for essential activities or exercise (cr015h)
- o 9 Shared items like towels or utensils with other people (cr015i)
- o 10 Had close contact (within 6 feet) with people who live with you (cr015j)
- o 11 Had close contact (within 6 feet) with people who do not live with you (cr015k)
- o 12 Gone outside to walk, hike, or exercise (cr015l)

Answer options for all questions in the series are:

- o 1 Yes
- o 2 No
- o 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))
```

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 12

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

END OF LOOP

END OF SUBGROUP

END OF GROUP

```
cr016_questions := array(1 →"cr016b", 2 →"cr016c", 3 →"cr016d", 4 →"cr016e", 5 →"cr016f",
6 →"cr016g", 7 →"cr016h", 8 →"cr016i", 9 →"cr016j", 10 →"cr016k", 11 →"cr016l", 12
```

→"cr016m", 13 →"cr016n", 14 →"cr016o", 15 →"cr016p", 16 →"cr016r")

/\* The question series cr016b to cr016r are presented in random order per variables cr016\_order with values (variable cr016a and cr016q have been intentionally omitted):

- 1 Washed your hands with soap or used hand sanitizer several times per day (cr016b)
- 2 Canceled or postponed air travel for work (cr016c)
- 3 Canceled or postponed air travel for pleasure (cr016d)
- 4 Canceled or postponed work or school activities (cr016e)
- 5 Canceled or postponed personal or social activities (cr016f)
- 6 Visited a doctor (cr016g)
- 7 Canceled a doctor's appointment (cr016h)
- 8 Stockpiled food or water (cr016i)
- 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)
- 13 Stockpiled hand sanitizer or disinfectant wipes (cr016n)
- 14 Worked or studied at home (cr016o)
- 15 Worn a mask or other face covering (cr016p)
- 16 Stockpiled medication (cr016r)

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

/\* Question series cr016a to cr016r are presented in random order per variables cr016\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

## END OF GROUP

**cr017** (federal, state, or local governments encouraged to limit non-essential travel in section Behavior)

Have Federal, state, or local governments **encouraged** you to limit non-essential travel?

- 1 Yes
- 2 No
- 3 Unsure

**cr018** (federal, state, or local governments required to limit non-essential travel in section Behavior)

Have Federal, state, or local governments **required** 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")
```

```
/* The question series cr020a to cr020k 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)

```
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))
```

```
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 11**

*/\* Question series cr020a to cr020k are presented in random order per variables cr020\_order as described above. \*/*

**END OF LOOP**

**END OF SUBGROUP**

**END OF GROUP**

**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 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 been died? If so, click "Next" to continue.

**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%.

## END OF GROUP

### 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%.

## END OF GROUP

### 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

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

/\* The question series cr025a to cr025d are presented in random order per variables 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:

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

```
*/
```

```
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

```
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:
```

- o 1 Most people believe that people with coronavirus are dangerous (cr031a)
- o 2 Most people believe that people who used to have coronavirus are dangerous (cr031b)
- o 3 Most people believe that having coronavirus is a sign of personal weakness or

failure (cr031c)

- o 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:

- o 1 Strongly disagree
- o 2 Somewhat disagree
- o 3 Somewhat agree
- o 4 Strongly agree

\*/

```
IF sizeof(cr031_order) = 0 THEN
```

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

```
END OF IF
```

/\* For questions cr031a through cr031d, a small number of respondents using the Spanish language questionnaire were inadvertently provided with a six-value answer option that had been replaced by a four-response option in the English language questionnaire, a change that was missed during translation. We were unable to reliably map the six responses to the four responses, so we have removed and replaced them with a missing value of ".d Deleted value" in the published UAS data file. Access to the removed responses is available upon request. \*/

## 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 SUBGROUP
```

```
END OF GROUP
```

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")
```

/\* The question series cr026a to cr026g 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)

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))
```

```
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 cr026g 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

**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?

**SUBGROUP OF QUESTIONS**

**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

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

```
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:
```

- o 1 You were treated with less courtesy and respect than other people (cr029a)
- o 2 You received poorer service than other people at restaurants or stores (cr029b)
- o 3 People acted as if they were afraid of you (cr029c)
- o 4 You were threatened or harassed (cr029d)

```
Answer options for all questions in the series are:
```

- o 1 Yes
- o 2 No
- o 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** ^FLDateEarlierSurvey)?

**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 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) and lr001 are preloaded into preload\_hadjob. These take the following values:

- o preload\_hadjob: 1 Yes, 2 No
- o 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", and "6 None of these".

\*/

```
preload_hadjob := getCovid19Preload("cr008")
preload_lr001 := getCovid19Preload("lr001")
```

**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
- 6 None of these

**Ir001\_other** (other employment status in section Labor)  
STRING

END OF GROUP

IF Ir001 = 2 OR Ir001 = 3 OR Ir001 = 4 THEN

**Ir002** (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\_Ir001 = 3 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**Ir003aa** (job status after laid off in section Labor)

You told us on ( **since** ^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:

**Ir003aa\_other** (other job status after laid off in section Labor)

STRING

END OF GROUP

ELSEIF preload\_Ir001 = 4 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**Ir003bb** (job status after sick leave in section Labor)

You told us on ( **since** ^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
- 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

END OF GROUP

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
- 3 None of these, please specify:

**lr003\_other** (other employment status prev no job in section Labor)  
STRING

END OF GROUP

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:

- o The respondent had a job per preload\_hadjob and now says they still have this job (lr001=1) or have a different job (lr001=5)
- o 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)
- o 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)

- o 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)
- o 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)) OR (preload\_hadjob = 2 AND preload\_lr001 = 3 AND lr003aa IN (1,5)) OR (preload\_hadjob = 2 AND preload\_lr001 = 4 AND lr003bb IN (1,5)) OR (preload\_hadjob = 2 AND preload\_lr001 != 3 AND preload\_lr001 != 4 AND lr003 = 2) OR (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

**END OF GROUP**

**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

**Ir008** (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

**Ir009** (hours reduced since march in section Labor)

Have your work hours been reduced( **since** ^FLDateEarlierSurvey/ **since March 1, 2020**)?

- 1 Yes
- 2 No
- 3 Unsure

**IF Ir005 = 2 THEN**

**Ir020** (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**

**Ir007** (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

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**Ir010** (how frequently paid in section Labor)

How frequently are you paid for your job?

- 1 Monthly
- 2 Every two weeks
- 3 Every week
- 4 Every day
- 5 Other (specify)

**Ir010\_other** (how frequently paid other in section Labor)

How frequently are you paid?

STRING

**END OF GROUP**

**Ir011** (amount most recent paycheck in section Labor)

What was the amount on your most recent paycheck?

RANGE 1..10000000

**IF Ir011 > 50000 THEN**

**check\_Ir011** (amount over 50k in section Labor)

You entered an amount over \$50,000. Is this correct?

- 1 Yes
- 2 No

**END OF IF**

**Ir012** (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

**Ir013** (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 Ir013 > 1 AND Ir005 = 2 THEN**

**Ir014** (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

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**Ir015** (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

ELSE

**Ir016** (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 Ir016 = 1 THEN

**Ir017** (amount unemployment insurance in section Labor)

How much did you receive in unemployment insurance in your most recent payment?

RANGE 1..10000

IF Ir017 > 5000 THEN

**check\_Ir017** (amount over 5k in section Labor)

You entered an amount over \$5,000. Is this correct?

- 1 Yes
- 2 No

END OF IF

ELSEIF Ir016 = RESPONSE THEN

**Ir018** (why not received unemployment insurance benefits in section Labor)

Why haven't you received unemployment insurance benefits? Mark all that apply.

- 1 My former employer has not made me eligible
- 2 I am not eligible for other reasons
- 3 I am unsure how to apply
- 4 I was approved but I haven't been paid yet
- 5 I applied and was rejected
- 6 I decided not to apply
- 7 Other

| END OF IF  
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

```
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 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**

**ei008** (owe money on student loans in section Economic)

Do you owe money on student loans?  
1 Yes  
2 No

**IF ei008 = 1 THEN**

**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

**END OF IF**

**ei011** (do you have a mortgage in section Economic)

Do you have a mortgage?

- 1 Yes
- 2 No

**IF ei011 = 1 THEN**

**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

**END OF IF**

**ei014** (rent primary residence in section Economic)

Do you rent your primary residence?

- 1 Yes
- 2 No

**IF ei014 = 1 THEN**

**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**

**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
- 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

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**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.

**SUBGROUP OF QUESTIONS**

**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

**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 section **Economic**

Start of section **School**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**ed001\_intro** (how many kids in school intro in section School)

How many members of your household are currently enrolled in preschool or daycare, primary school, middle school, high school, or post-secondary school?

Count yourself if you are enrolled in school.

#### SUBGROUP OF QUESTIONS

**ed001a** (preschool or day care in section School)

Preschool or day care

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10

**ed001b** (elementary school in section School)

Elementary school

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10

**ed001c** (middle school or junior high in section School)

Middle school or junior high

0 0

1 1

2 2

3 3

4 4

5 5

6 6

7 7  
8 8  
9 9  
10 10

**ed001d** (high school in section School)

High school

0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10

**ed001e** (college or trade school in section School)

College or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools

0 0  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10

END OF SUBGROUP

END OF GROUP

**IF ed001a  $\geq$  1 THEN**

Fill code of question FL\_sl001 executed

**sl001** (how many household members had preschool suspended in section School)

Of the household members enrolled in **preschool** or day care, how many have had school suspended or canceled because of the coronavirus?

0 0

- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- 8 (8)
- 9 (9)
- 10 (10)

END OF IF

IF ed001b  $\geq$  1 THEN

Fill code of question FL\_sl002 executed

**sl002** (how many household members had elementary school suspended in section School)

Of the household members enrolled in **elementary school**, how many have had school suspended or canceled because of the coronavirus?

- 0 0
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- 8 (8)
- 9 (9)
- 10 (10)

IF sl002 > 0 THEN

**sl003** (hh member in elementary school doing educational activities at home in section School)

Are the household members in **elementary school** doing educational activities at home?

- 1 Yes
- 2 No
- 3 Other

IF sl003 = 1 THEN

**sl004** (who provided the educational activities elementary in section School)

Who provided the educational activities? Mark all that apply.

- 1 The school

2 Me or my spouse/partner  
3 The child  
4 Other household members  
5 Other  
END OF IF  
END OF IF  
END OF IF

IF ed001c  $\geq$  1 THEN

Fill code of question FL\_sl005 executed

**sl005** (how many household members had middle school or junior high suspended in section School)

Of the household members enrolled in **middle school or junior high**, how many have had school suspended or canceled because of the coronavirus?

0 0  
1 (1)  
2 (2)  
3 (3)  
4 (4)  
5 (5)  
6 (6)  
7 (7)  
8 (8)  
9 (9)  
10 (10)

IF sl005 > 0 THEN

**sl006** (hh member in middle school or junior high school doing educational activities at home in section School)

Are the household members in **middle school or junior high** doing educational activities at home?

1 Yes  
2 No  
3 Other

IF sl006 = 1 THEN

**sl007** (who provided the educational activities middle junior high in section School)

Who provided the educational activities? Mark all that apply.

1 The school  
2 Me or my spouse/partner  
3 The child  
4 Other household members  
5 Other

| | END OF IF  
| END OF IF  
END OF IF

IF ed001d  $\geq$  1 THEN

Fill code of question FL\_sl008 executed

**sl008** (how many household members had high school suspended in section School)  
Of the household members enrolled in **high school**, how many have had school suspended or canceled because of the coronavirus?

- 0 0
- 1 (1)
- 2 (2)
- 3 (3)
- 4 (4)
- 5 (5)
- 6 (6)
- 7 (7)
- 8 (8)
- 9 (9)
- 10 (10)

IF sl008 > 0 THEN

**sl009** (hh member in high school doing educational activities at home in section School)

Are the household members in **high school** doing educational activities at home?

- 1 Yes
- 2 No
- 3 Other

IF sl009 = 1 THEN

**sl010** (who provided the educational activities high school in section School)

Who provided the educational activities? Mark all that apply.

- 1 The school
- 2 Me or my spouse/partner
- 3 The child
- 4 Other household members
- 5 Other

END OF IF

END OF IF

END OF IF

IF sl001 > 0 OR sl002 > 0 OR sl005 > 0 OR sl008 > 0 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl015** (who is mainly responsible for providing child care in section School)

Who is mainly responsible for providing child care while school is suspended or canceled? Mark all that apply:

- 1 You
- 2 Your spouse or partner
- 3 A sibling
- 4 Other extended family members such as grandparents, aunts and uncles, and cousins.
- 5 A paid child care provider such as a nanny or au pair
- 6 A child care facility not located in your home
- 7 Other, please specify

**sl015\_other** (who is mainly responsible for providing child care other in section School)

STRING

END OF GROUP

END OF IF

IF ed001b  $\geq$  1 OR ed001c  $\geq$  1 OR ed001d  $\geq$  1 THEN

totalk12 := ed001b + ed001c + ed001d

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl015b\_intro** (Section School)

You said that (total number of kids in elementary, middle, or high school()) household members are currently in grades K-12. What are their first names or nicknames? Just first names or nicknames will do.

LOOP FROM 1 TO TOTALK12

Fill code of question FLsl015b executed  
FLsl015b\_dummy(cnt) := FLsl015b(cnt)

**sl015b** (name student in section School)

STRING

END OF LOOP

END OF GROUP

/\* Respondents are asked for the first names or nicknames of any children in elementary, middle, or high school per sl015b variables (not included in the data set). A soft

warning is given if they did not provide names for all the children.

If one or more names is given as collected in variables selectednames (not included in the data set) a child is randomly selected for follow up questions sl029 to sl037.  
\*/

LOOP FROM 1 TO TOTALK12

IF sl015b(checkcnt) = EMPTY THEN

IF totalk12 > 1 THEN

**checkcntwarning** (Section School)

You said that (total number of kids in elementary, middle, or high school()) household members are currently in grades K-12. Please go back and give all of their names or nickname OR click "Next" to continue.

ELSE

**checkcntwarning\_single** (Section School)

You said that (total number of kids in elementary, middle, or high school()) household member is currently in grades K-12. Please go back and give their name or nickname OR click "Next" to continue.

END OF IF

END OF IF

END OF LOOP

counter := 1

LOOP FROM 1 TO TOTALK12

IF sl015b(namecnt) = RESPONSE THEN

selectednames(counter) := sl015b(namecnt)  
counter := counter + 1

END OF IF

END OF LOOP

IF sizeof(selectednames) > 0 THEN

IF selectedchild = EMPTY THEN

LOOP FROM 1 TO 50

selectedchild := mt\_rand(1, sizeof(selectednames))

IF selectednames(selectedchild) = RESPONSE THEN

|

END OF IF

END OF LOOP

END OF IF

IF selectednames(selectedchild) = RESPONSE THEN

**sl029** (guardian of selected child in section School)

Are you the parent or legal guardian of ((selectedchild))?

- 1 Yes
- 2 No
- 3 Unsure

**sl030a** (school cancel or suspend in-person classes in section School)

Did ((selectedchild))'s school cancel or suspend in-person classes because of the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

**sl030** (type of child selected child in section School)

What type of school did ((selectedchild)) attend in February 2020?

- 1 Neighborhood public school
- 2 Magnet public school
- 3 Charter school
- 4 Private or religious school
- 5 Home school
- 6 Other

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl031\_intro** (Section School)

In February 2020, did ((selectedchild)) receive any of the following services?

SUBGROUP OF QUESTIONS

**sl031a** (were receiving gifted and talented instruction in section School)

Gifted and talented instruction

- 1 Yes
- 2 No
- 3 Unsure

**sl031b** (were receiving mental health services in section School)

Mental health services

- 1 Yes
- 2 No
- 3 Unsure

**sl031c** (were receiving free or reduced-price meals in section School)

Free or reduced-price meals

- 1 Yes
- 2 No
- 3 Unsure

**sl031d** (were receiving extra support for English language learners in section School)

Extra support for English language learners

- 1 Yes
- 2 No
- 3 Unsure

**sl031e** (were receiving extra support for struggling learners in section School)

Extra support for struggling learners

- 1 Yes
- 2 No
- 3 Unsure

END OF SUBGROUP

END OF GROUP

**sl032** (receive 504 plan services selected child in section School)

A 504 plan is a plan to ensure that a child with disabilities receives accommodations that will allow the child to learn.

In February 2020, did **((selectedchild))** receive services under a 504 plan?

- 1 Yes
- 2 No
- 3 Unsure

**sl033** (receive IEP services selected child in section School)

An individual education plan (IEP) is a plan to ensure that a child with disabilities receives specialized instruction and services.

In February 2020, did **((selectedchild))** receive services related to an IEP?

- 1 Yes
- 2 No
- 3 Unsure

IF sl031a = 1 OR sl031b = 1 OR sl031c = 1 OR sl031d = 1 OR sl031e = 1  
OR sl032 = 1 OR sl033 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl034\_intro** (Section School)

Is **((selectedchild))** still receiving any of these services now?

SUBGROUP OF QUESTIONS

IF sl031a = 1 THEN

**sl034a** (still receiving gifted and talented instruction in section School)

Gifted and talented instruction

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

IF sl031b = 1 THEN

**sl034b** (still receiving mental health services in section School)

Mental health services

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

IF sl031c = 1 THEN

**sl034c** (still receiving free or reduced-price meals in section School)

Free or reduced-price meals

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

IF sl031d = 1 THEN

**sl034d** (still receiving extra instruction for English language learners in section School)  
Extra instruction for English language learners  
1 Yes  
2 No  
3 Unsure

END OF IF

IF sl031e = 1 THEN

**sl034e** (still receiving extra instruction for struggling learners in section School)  
Extra instruction for struggling learners  
1 Yes  
2 No  
3 Unsure

END OF IF

IF sl032 = 1 THEN

**sl034f** (still receiving services under a 504 plan in section School)  
Services under a 504 plan  
1 Yes  
2 No  
3 Unsure

END OF IF

IF sl033 = 1 THEN

**sl034g** (still receiving services under an IEP in section School)  
Services under an IEP  
1 Yes  
2 No  
3 Unsure

END OF IF

END OF SUBGROUP

| END OF GROUP

END OF IF

```
sl035_questions := array(1 →"sl035a", 2 →"sl035b", 3 →"sl035c", 4 →"sl035d",  
5 →"sl035e", 6 →"sl035f")
```

/\* The question series sl035a to sl035f are presented in random order per variables sl035\_order with values:

- 1 Will not make as much progress academically (sl035a)
- 2 Less peer interaction will cause lasting academic problems (sl035b)
- 3 Less teacher interaction will cause lasting academic problems (sl035c)
- 4 Less access to instructional materials (such as textbooks, worksheets, lab materials) will cause lasting academic problems (sl035d)
- 5 Less access to special education support will cause lasting academic problems (sl035e)
- 6 Less access to mental health support will cause lasting academic problems (sl035f)

Answer options for all questions in the series are:

- 1 Very likely
- 2 Somewhat likely
- 3 Neither likely nor unlikely
- 4 Somewhat unlikely
- 5 Very unlikely

\*/

IF sizeof(sl035\_order) = 0 THEN

```
sl035_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

**sl035\_intro** (Section School)

How likely or unlikely is it that school closures due to the Coronavirus pandemic will lead to these scenarios:

SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

/\* Question series sl035a to sl035f are presented in random order per variables sl035\_order as described above IF respondents said yes to the corresponding questions above. \*/

IF sl035\_order(cnt) = 5 AND not(sl032 = 1 OR sl033 = 1) THEN

|

ELSEIF sl035\_order(cnt) = 6 AND sl031b != 1 THEN

|

ELSE

|

END OF IF

END OF LOOP

END OF SUBGROUP

END OF GROUP

IF sl030a = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl036\_intro** (Section School)

In the **past seven days** how much time did **((selectedchild))** spend in online class meetings that included interaction between teachers and students? Enter "0" in both fields if **((selectedchild))** spent no time in online class meetings.

**sl036a** (hours spent in online class in section School)

RANGE 0..40

**sl036b** (minutes spent in online class in section School)

RANGE 0..60

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl037.intro** (Section School)

Has ((**selectedchild**)) done any of the following activities since schools physically closed?

**SUBGROUP OF QUESTIONS**

**sl037a** (Interacted with a teacher through an online meeting such as Zoom, by phone, or by email in section School)

Interacted with a teacher through an online meeting such as Zoom, by phone, or by email

- 1 Yes
- 2 No
- 3 Unsure

**sl037b** (Received new schoolwork from his or her teacher(s) in section School)

Received new schoolwork from his or her teacher(s)

- 1 Yes
- 2 No
- 3 Unsure

**sl037c** (Completed newly-assigned school work in section School)

Completed newly-assigned school work

- 1 Yes
- 2 No
- 3 Unsure

**sl037d** (Received feedback on schoolwork from his or her teacher(s) in section School)

Received feedback on schoolwork from his or her teacher(s)

- 1 Yes
- 2 No
- 3 Unsure

**END OF SUBGROUP**

**END OF GROUP**

**END OF IF**

**END OF IF**

**END OF IF**

**END OF IF**

**IF sl001 > 0 OR sl002 > 0 OR sl005 > 0 OR sl008 > 0 THEN**

**sl021** (how difficult find affordable child care in section School)

How easy or difficult has it been for you to find affordable child care while school is suspended or canceled?

- 1 Very easy
- 2 Somewhat easy
- 3 Somewhat difficult
- 4 Very difficult

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl016\_intro** (school closures made it difficult for me to work in section School)

Do you agree or disagree with the following statements?

#### SUBGROUP OF QUESTIONS

**sl016** (school closures made it difficult for me to work in section School)

School closures made it difficult for me to work or do other household tasks.

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

**sl017** (satisfied with communication in section School)

I am satisfied with the communication to support learning from my child's/children's school(s).

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

**sl018** (my children will be prepared in section School)

My child/children will be prepared for school in the next school year.

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

**sl018a** (I am satisfied with how much my children are learning in section School)

I am satisfied with how much my children are learning.

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

**sl018b** (school closures have made it harder for me to feed my children in sec-

tion School)

School closures have made it harder for me to feed my children.

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

**sl018c** (I am satisfied with the amount of time and attention my children give to school work in section School)

I am satisfied with the amount of time and attention my children give to school work.

- 1 Strongly disagree
- 2 Disagree
- 3 Agree
- 4 Strongly agree

END OF SUBGROUP

END OF GROUP

```
sl038_questions := array(1 →"sl038a", 2 →"sl038b", 3 →"sl038c", 4 →"sl038d", 5  
→"sl038e", 6 →"sl038f")
```

/\* The question series sl038a to sl038f are presented in random order per variables sl038\_order with values:

- 1 Having all students repeat the current grade (sl038a)
- 2 Converting grades/marks for the rest of the year to pass/fail (sl038b)
- 3 Promoting all students to the next grade regardless of their performance (sl038c)
- 4 Providing summer school to all students if it's safe (sl038d)
- 5 Canceling all standardized tests next school year (sl038e)
- 6 Canceling grades/marks for the rest of the school year (sl038f)

Answer options for all questions in the series are:

- 1 Strongly oppose
- 2 Oppose
- 3 Neither Support or Oppose
- 4 Support
- 5 Strongly support

o 6 Unsure

\*/

IF sizeof(sl038\_order) = 0 THEN

| sl038\_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

**sl038\_intro** (school closures made it difficult for me to work in section School)  
Schools are considering several policies to make up for recent school closures. Do you support or oppose each of the following policies?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

| /\* Question series sl038a to sl038f are presented in random order per variables  
| sl038\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

END OF GROUP

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**sl019\_intro** (earliest schools resume intro in section School)  
What is the earliest that you think any of your children's schools will resume in person?

**sl019\_month** (earliest schools resume intro month in section School)

- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July
- 8 August
- 9 September
- 10 October
- 11 November

12 December

**sl019\_year** (earliest schools resume intro year in section School)

2020 2020

2021 2021

2022 2022

2023 2023

**END OF GROUP**

FLCurrentYear := date("Y")

FLCurrentMonth := date("n")

**IF sl019\_year = FLCurrentYear AND sl019\_month < FLCurrentMonth THEN**

**error\_dateinpast** (error date in past entered in section School)

Please go back and enter a date in the future.

**ELSEIF sl019\_year = RESPONSE AND sl019\_year < FLCurrentYear THEN**

**error\_dateinpast** (error date in past entered in section School)

Please go back and enter a date in the future.

**END OF IF**

**END OF IF**

**IF ed001e ≥ 1 THEN**

**ed002** (r currently enrolled in college in section School)

Are **you** currently enrolled in college or trade school, including four-year colleges, community colleges?

1 Yes

2 No

**IF ed002 = 1 THEN**

maxnumberofcollege := ed001e - 1

**ELSE**

maxnumberofcollege := ed001e

**END OF IF**

**IF maxnumberofcollege > 0 THEN**

Fill code of question FLcl001 executed

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**IF ed002 = 1 THEN**

**cl001\_intro** (Section School)

What are the first names of the household members **other than yourself** who are currently enrolled in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools? Just first names or nicknames will do.

ELSE

**cl001\_intro2** (Section School)

What are the names of the household members who are currently enrolled in college or trade school, including four-year colleges, community colleges, technical institutes, and vocational schools? Just first names or nicknames will do.

END OF IF

LOOP FROM 1 TO MAXNUMBEROFCOLLEGE

**cl001** (name student in section School)

STRING

END OF LOOP

END OF GROUP

/\* Respondents are asked for the first names or nicknames of any household members in college or trade school per cl001 variables (not included in the data set). A soft warning is given if they did not provide names for all the children.

If the respondent is one of the members in college or trade school, they are asked the question series r\_cl002 to r\_cl013. If there are any additional household members in college or trade school AND their first name or nickname was given (as collected in variables clselectednames; not included in the data set) they are asked question series cl002 to cl013 for each member. \*/

LOOP FROM 1 TO MAXNUMBEROFCOLLEGE

IF cl001(checkcnt) = EMPTY THEN

IF maxnumberofcollege > 1 THEN

**clcntwarning** (Section School)

You said that (maximum number of college()) household members are currently in college or trade school. Please go back and give all of their first names or nicknames OR click "Next" to continue.

```

ELSE
    clcntwarning_single (Section School)
    You said that (maximum number of college()) household member is currently in
    college or trade school. Please go back and give their first name or nickname OR
    click "Next" to continue.
END OF IF
END OF IF
END OF LOOP
clcounter := 1
LOOP FROM 1 TO MAXNUMBEROFCOLLEGE
    IF cl001(clnamecnt) = RESPONSE THEN
        clselectednames(clcounter) := cl001(clnamecnt)
        clcounter := clcounter + 1
    END OF IF
END OF LOOP
END OF IF
IF ed002 = 1 THEN
    /* The answer options in questions R_cl006b, R_cl010aa, R_cl010bb, R_cl011b and
    R_cl013 are presented in random order per variables R_cl006b_order with values:
        ○ 1 It has changed my family care responsibilities
        ○ 2 It has changed my work responsibilities
        ○ 3 I have health and safety concerns about in-person classes
        ○ 4 It has changed my stable access to housing
        ○ 5 It has changed my stable access to food sources (such as a campus meal plan)
        ○ 6 It has changed my expenses for tuition, food, or housing
        ○ 7 It has changed my ability to pay tuition
        ○ 8 It has changed my employment status or work hours

```

- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other

The "Other" option is always presented last. \*/

IF sizeof(R\_cl006b\_order) = 0 THEN

```
R_cl006b_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8
→8, 9 →9, 10 →10))
```

```
R_cl006b_order(11) := 11
```

END OF IF

```
R_cl005_bbb_questions := array(1 →"R_cl005_bbb_1", 2 →"R_cl005_bbb_2", 3
→"R_cl005_bbb_3", 4 →"R_cl005_bbb_4", 5 →"R_cl005_bbb_5", 6 →"R_cl005_bbb_6")
```

/\* The question series R\_cl005\_bbb\_1 to R\_cl005\_bbb\_6 are presented in random order per variables R\_cl005\_bbb\_order with values:

- 1 Family care responsibilities
- 2 Work responsibilities
- 3 Stable access to housing
- 4 Stable access to food sources (such as a campus meal plan)
- 5 Expenses for tuition, food, or housing
- 6 Desire to be close to home

Answer options for all questions in the series are:

- 1 Decreased
- 2 No Change
- 3 Increased
- 4 Unsure

\*/

IF sizeof(R\_cl005\_bbb\_order) = 0 THEN

```
R_cl005_bbb_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
```

END OF IF

**R\_cl002** (respondent degree or certificate working on in section School)

What type of degree or certificate are you working on? Mark all that apply.

- 1 A bachelor's degree (usually four years)
- 2 An associate's degree (usually two years)
- 3 A certificate or diploma of occupational training such as plumbing or cosmetology
- 4 A graduate program such as a masters or PhD.
- 5 Not working toward a degree or certificate

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**R\_cl005bbb\_intro** (Section School)

Have you experienced any changes in the following areas because of the coronavirus epidemic?

#### SUBGROUP OF QUESTIONS

LOOP FROM 1 TO 6

/\* Question series R\_cl005.bbb\_1 to R\_cl005.bbb\_6 are presented in random order per variables R\_cl005.bbb\_order as described above. \*/

END OF LOOP

END OF SUBGROUP

#### END OF GROUP

**R\_cl005\_ccc** (respondent employment status changed in section School)

Has your employment status changed because of the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

**IF R\_cl005\_ccc = 1 THEN**

**R\_cl005\_ddd** (respondent how employment status changed in section School)

How has your employment status changed?

- 1 I have become unemployed
- 2 I have found a new job
- 3 My job has reduced hours
- 4 I have been temporarily laid off or I am taking sick leave or other leave

**END OF IF**

**R\_cl002b** (respondent take part in classes in section School)

In February 2020, did you take part in classes?

- 1 Yes

- 2 No
- 3 Unsure

**IF R\_cl002b = 1 THEN**

**R\_cl003** (respondent how taking part in classes in section School)

In February 2020, how did you primarily take part in classes?

- 1 On campus
- 2 Online
- 3 A worksite or other non-campus location
- 4 Other

**R\_cl004** (respondent still taking part in classes in section School)

Are you still taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**IF R\_cl004 = 1 THEN**

**R\_cl005** (respondent how now taking part in classes in section School)

How are you primarily taking part in classes now?

- 1 On campus
- 2 Online
- 3 A work site or other non-campus location
- 4 Other

**END OF IF**

**IF R\_cl004 IN (2,3) THEN**

**R\_cl006** (respondent still offering classes in section School)

Is your school still offering classes in your program?

- 1 Yes
- 2 No
- 3 Unsure

**IF R\_cl004 = 2 THEN**

**R\_cl006a** (respondent corona affected decision to stop taking part in classes in section School)

Has the coronavirus epidemic affected your decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**IF R\_cl006a = 1 THEN**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**R.cl006b** (respondent how corona affected plans to stop taking part in classes in section School)

How has the coronavirus epidemic affected your plans to stop taking part in classes now? Please mark all that apply.

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes
- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition
- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other, please specify:

**R.cl006b\_other** (respondent other how corona affected plans to stop taking part in classes in section School)

STRING

END OF GROUP

END OF IF

**R.cl006\_ddd** (respondent quality of online courses affected decision in section School)

Has the **quality of online courses** affected your decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**R.cl006\_eee** (respondent access to computer equipment or internet affected decision in section School)

Has **access to computer equipment or internet** affected your decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**R.cl006\_fff** (respondent ability to adjust to online course format affected decision in section School)

Has the **ability to adjust to the online course format** affected your decision to stop taking part in classes now?

- 1 Yes

- 2 No
- 3 Unsure

END OF IF

END OF IF

END OF IF

**R\_cl005b** (respondent expect to finish program this term in section School)

Do you expect to complete your program this term?

- 1 Yes
- 2 No
- 3 Unsure

**R\_cl008a** (respondent expect to continue taking classes in section School)

Do you expect to continue taking classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

**R\_cl010a** (respondent corona influenced decision to continue taking classes in section School)

Has the coronavirus epidemic influenced your decision whether to continue taking classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

IF R\_cl010a = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**R\_cl010aa** (respondent how corona affected plans to continue taking classes in section School)

How has the coronavirus epidemic influenced your decision whether continue taking classes in the fall? Please mark all that apply.

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes
- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition
- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other, please specify:

**R\_cl010aa\_other** (respondent other how corona affected plans to continue taking classes in section School)

STRING

END OF GROUP

END OF IF

IF R\_cl005b = 1 THEN

**R\_cl005c** (respondent february 2020 plans after finishing in section School)

As of February 2020, what were your plans after finishing your program?

- 1 Find a job related to the program
- 2 Find a job unrelated to the program
- 3 Go back to school
- 4 Other
- 5 Unsure

**R\_cl005d** (respondent coronavirus changed plans after finishing in section School)

Has the coronavirus epidemic affected your plans after finishing your program?

- 1 Yes
- 2 No
- 3 Unsure

**R\_cl005e** (respondent current plans after finishing in section School)

What are your current plans after finishing your program?

- 1 Find a job related to the program
- 2 Find a job unrelated to the program
- 3 Go back to school
- 4 Other
- 5 Unsure

END OF IF

IF R\_cl008a = 1 THEN

**R\_cl008b** (respondent where continue classes in section School)

Where do you expect to continue taking classes in the fall?

- 1 My current institution
- 2 A different institution

**R\_cl010** (respondent expect to take classes online or in person in section School)

Do you expect to take classes online or in person in the fall?

- 1 Online
- 2 In person
- 3 Other
- 4 Unsure

**R\_cl010b** (respondent corona influenced decision how many classes to take in section School)

Has the coronavirus epidemic influenced your decision of how many classes to take in the fall?

- 1 Yes: I will take more classes
- 2 Yes: I will take fewer classes
- 3 No
- 4 Unsure

**IF R\_cl010b IN (1,2) THEN**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**R\_cl010bb** (respondent how corona affected plans how many classes in section School)

How has the coronavirus epidemic influenced your decision of how many classes to take in the fall? Please mark all that apply.

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes
- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition
- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other, please specify:

**R\_cl010bb\_other** (respondent other how corona affected plans how many classes in section School)

STRING

**END OF GROUP**

**END OF IF**

**R\_cl011** (respondent corona influenced decision to transfer in section School)

Has the coronavirus epidemic influenced your decision whether to transfer to another institution next term?

- 1 Yes
- 2 No
- 3 Unsure

**IF R\_cl011 = 1 THEN**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**R.cl011b** (respondent how corona influenced decision to transfer in section School)

How has the coronavirus epidemic influenced your decision whether to transfer to another institution in the fall? Please mark all that apply.

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes
- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition
- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other, please specify:

**R.cl011b\_other** (respondent other how corona influenced decision to transfer in section School)

STRING

**END OF GROUP**

**END OF IF**

**END OF IF**

**IF R.cl005b = 2 THEN**

**R.cl012** (respondent corona influence able to complete degree or certificate in section School)

Has the coronavirus epidemic influenced your ability to complete your degree or certificate in a timely manner?

- 1 Yes
- 2 No
- 3 Unsure

**IF R.cl012 = 1 THEN**

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**R.cl013** (respondent how corona influenced decision to complete in timely manner in section School)

How has the coronavirus epidemic influenced your ability to complete your degree or certificate in a timely manner? Mark all that apply.

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes

- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition
- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other, please specify:

**R.cl013\_other** (respondent other how corona influenced decision to complete in timely manner in section School)  
STRING

END OF GROUP

END OF IF

END OF IF

END OF IF

IF sizeof(cselectednames) > 0 THEN

/\* The answer options in questions cl006b, cl010aa, cl010bb, cl011b and cl013 are presented in random order per variables cl006b\_order with values:

- 1 It has changed my family care responsibilities
- 2 It has changed my work responsibilities
- 3 I have health and safety concerns about in-person classes
- 4 It has changed my stable access to housing
- 5 It has changed my stable access to food sources (such as a campus meal plan)
- 6 It has changed my expenses for tuition, food, or housing
- 7 It has changed my ability to pay tuition
- 8 It has changed my employment status or work hours
- 9 I am dissatisfied with the coronavirus response of my current institution
- 10 It has changed my desire to be close to home
- 11 Other

The "Other" option is always presented last.

If the order of these answer options is already set for the respondent themselves per variables R.cl006b\_order, the answer options for household members are pre-

sented in the same order. Otherwise, a random order is assigned. \*/

```
IF sizeof(cl006b_order) = 0 THEN
  IF sizeof(R_cl006b_order) > 0 THEN
    cl006b_order := R_cl006b_order
  ELSE
    cl006b_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6, 7 →7, 8
    →8, 9 →9, 10 →10))
    cl006b_order(11) := 11
  END OF IF
END OF IF
```

/\* The question series cl005\_bbb\_1 to cl005\_bbb\_6 are presented in random order per variables cl005\_bbb\_order with values:

- 1 Family care responsibilities
- 2 Work responsibilities
- 3 Stable access to housing
- 4 Stable access to food sources (such as a campus meal plan)
- 5 Expenses for tuition, food, or housing
- 6 Desire to be close to home

If the order of these questions is already set for the respondent themselves per variables cl005\_bbb\_order, the questions for household members are presented in the same order. Otherwise, a random order is assigned.

Answer options for all questions in the series are:

- 1 Decreased
- 2 No Change
- 3 Increased
- 4 Unsure

\*/

```
IF sizeof(cl005_bbb_order) = 0 THEN
  IF sizeof(R_cl005_bbb_order) > 0 THEN
```

```

| | cl005_bbb_order := R.cl005_bbb_order
| | ELSE
| | | cl005_bbb_order := shuffleArray(array(1 →1, 2 →2, 3 →3, 4 →4, 5 →5, 6 →6))
| | END OF IF
| END OF IF

LOOP FROM 1 TO SIZEOF(CLSELECTEDNAMES)

| IF cl001(clcnt) = RESPONSE THEN

| | cl002_intro (degree or certificate working on in section School)
| | Now we want to ask some questions about ((clcnt)).

| | cl002 (degree or certificate working on in section School)
| | What type of degree or certificate is ((clcnt)) working on? Mark all that apply.
| | 1 A bachelor's degree (usually four years)
| | 2 An associate's degree (usually two years)
| | 3 A certificate or diploma of occupational training such as plumbing or cosmetology
| | 4 A graduate program such as a masters or PhD.
| | 5 Not working toward a degree or certificate

| | cl005_bbb_questions(clcnt) := array(1 →"cl005_bbb_1(" . clcnt . ")", 2
| | →"cl005_bbb_2(" . clcnt . ")", 3 →"cl005_bbb_3(" . clcnt . ")", 4 →"cl005_bbb_4(" .
| | clcnt . ")", 5 →"cl005_bbb_5(" . clcnt . ")", 6 →"cl005_bbb_6(" . clcnt . ")")

| | GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| | | cl005bbb_intro (Section School)
| | | Has ((clcnt)) experienced any changes in the following areas because of the
| | | coronavirus epidemic?

| | | SUBGROUP OF QUESTIONS

| | | | LOOP FROM 1 TO 6
| | | | | /* Question series cl005_bbb_1 to cl005_bbb_6 are presented in random order
| | | | | per variables cl005_bbb_order as described above. */
| | | | END OF LOOP
| | | END OF SUBGROUP
| | END OF GROUP

```

**cl005\_ccc** (employment status changed in section School)

Has **((clcnt))**'s employment status changed because of the coronavirus epidemic?

- 1 Yes
- 2 No
- 3 Unsure

**IF cl005\_ccc(clcnt) = 1 THEN**

**cl005\_ddd** (how employment status changed in section School)

How has **((clcnt))**'s employment status changed?

- 1 **((clcnt))** has become unemployed
- 2 **((clcnt))** has found a new job
- 3 **((clcnt))**'s job has reduced hours
- 4 **((clcnt))** has been temporarily laid off or is taking sick leave or other leave

**END OF IF**

**cl002b** (take part in classes in section School)

In February 2020, did **((clcnt))** take part in classes?

- 1 Yes
- 2 No
- 3 Unsure

**IF cl002b(clcnt) = 1 THEN**

**cl003** (how taking part in classes in section School)

In February 2020, how did **((clcnt))** primarily take part in classes?

- 1 On campus
- 2 Online
- 3 A worksite or other non-campus location
- 4 Other

**cl004** (still taking part in classes in section School)

Is **((clcnt))** still taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**IF cl004(clcnt) = 1 THEN**

**cl005** (how now taking part in classes in section School)

How is **((clcnt))** primarily taking part in classes now?

- 1 On campus
- 2 Online
- 3 A work site or other non-campus location

| 4 Other

END OF IF

IF cl004(clcnt) IN (2,3) THEN

**cl006** (still offering classes in section School)

Is ((clcnt))'s school still offering classes in his or her program?

1 Yes

2 No

3 Unsure

IF cl004(clcnt) = 2 THEN

**cl006a** (corona affected decision to stop taking part in classes in section School)

Has the coronavirus epidemic affected ((clcnt))'s decision to stop taking part in classes now?

1 Yes

2 No

3 Unsure

IF cl006a(clcnt) = 1 THEN

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**cl006b** (how corona affected plans to stop taking part in classes in section School)

How has the coronavirus epidemic affected ((clcnt))'s plans to stop taking part in classes now? Please mark all that apply.

1 It has changed ((clcnt))'s family care responsibilities

2 It has changed ((clcnt))'s work responsibilities

3 ((clcnt)) has health and safety concerns about in-person classes

4 It has changed ((clcnt))'s stable access to housing

5 It has changed ((clcnt))'s stable access to food sources (such as a campus meal plan)

6 It has changed ((clcnt))'s expenses for tuition, food, or housing

7 It has changed ((clcnt))'s ability to pay tuition

8 It has changed ((clcnt))'s employment status or work hours

9 ((clcnt)) is dissatisfied with the coronavirus response of his or her current institution

10 It has changed ((clcnt))'s desire to be close to home

11 Other, please specify:

**cl006b\_other** (other how corona affected plans to stop taking part in

classes in section School)  
STRING

END OF GROUP

END OF IF

**cl006.ddd** (quality of online courses affected decision in section School)  
Has the **quality of online courses** affected **((clcnt))**'s decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**cl006.eee** (access to computer equipment or internet affected decision in section School)

Has **access to computer equipment or internet** affected **((clcnt))**'s decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

**cl006.fff** ( ability to adjust to online course format affected decision in section School)

Has the **ability to adjust to the online course format** affected **((clcnt))**'s decision to stop taking part in classes now?

- 1 Yes
- 2 No
- 3 Unsure

END OF IF

END OF IF

END OF IF

**cl005b** (expect to finish program this term in section School)  
Does **((clcnt))** expect to complete his or her program this term?

- 1 Yes
- 2 No
- 3 Unsure

**cl008a** (expect to continue taking classes in section School)

Does **((clcnt))** expect to continue taking classes in the fall?

- 1 Yes

- 2 No
- 3 Unsure

**cl010a** (corona influenced decision to continue taking classes in section School)  
Has the coronavirus epidemic influenced **((clcnt))**'s decision whether to continue taking classes in the fall?

- 1 Yes
- 2 No
- 3 Unsure

IF cl010a(clcnt) = 1 THEN

**GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN**

**cl010aa** (how corona affected plans to continue taking classes in section School)

How has the coronavirus epidemic influenced **((clcnt))**'s decision whether continue taking classes in the fall? Please mark all that apply.

- 1 It has changed **((clcnt))**'s family care responsibilities
- 2 It has changed **((clcnt))**'s work responsibilities
- 3 **((clcnt))** has health and safety concerns about in-person classes
- 4 It has changed **((clcnt))**'s stable access to housing
- 5 It has changed **((clcnt))**'s stable access to food sources (such as a campus meal plan)
- 6 It has changed **((clcnt))**'s expenses for tuition, food, or housing
- 7 It has changed **((clcnt))**'s ability to pay tuition
- 8 It has changed **((clcnt))**'s employment status or work hours
- 9 **((clcnt))** is dissatisfied with the coronavirus response of his or her current institution
- 10 It has changed **((clcnt))**'s desire to be close to home
- 11 Other, please specify:

**cl010aa\_other** (other how corona affected plans to continue taking classes in section School)

STRING

**END OF GROUP**

END OF IF

IF cl005b(clcnt) = 1 THEN

**cl005c** (february 2020 plans after finishing in section School)

As of February 2020, what were **((clcnt))**'s plans after finishing his or her program?

- 1 Find a job related to the program
- 2 Find a job unrelated to the program
- 3 Go back to school
- 4 Other
- 5 Unsure

**cl005d** (coronavirus changed plans after finishing in section School)

Has the coronavirus epidemic affected **((clcnt))**'s plans after finishing his or her program?

- 1 Yes
- 2 No
- 3 Unsure

**cl005e** (current plans after finishing in section School)

What are **((clcnt))**'s current plans after finishing his or her program?

- 1 Find a job related to the program
- 2 Find a job unrelated to the program
- 3 Go back to school
- 4 Other
- 5 Unsure

**END OF IF**

**IF cl008a(clcnt) = 1 THEN**

**cl008b** (where continue classes in section School)

Where does **((clcnt))** expect to continue taking classes in the fall?

- 1 **((clcnt))**'s current institution
- 2 A different institution

**cl010** (expect to take classes online or in person in section School)

Does **((clcnt))** expect to take classes online or in person in the fall?

- 1 Online
- 2 In person
- 3 Other
- 4 Unsure

**cl010b** (corona influenced decision how many classes to take in section School)

Has the coronavirus epidemic influenced **((clcnt))**'s decision of how many classes to take in the fall?

- 1 Yes: **((clcnt))** will take more classes
- 2 Yes: **((clcnt))** will take fewer classes.
- 3 No

4 Unsure

IF cl010b(clcnt) IN (1,2) THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

- cl010bb** (how corona affected plans how many classes in section School)  
How has the coronavirus epidemic influenced **((clcnt))**'s decision of how many classes to take in the fall? Please mark all that apply.
- 1 It has changed ((clcnt))'s family care responsibilities
  - 2 It has changed ((clcnt))'s work responsibilities
  - 3 ((clcnt)) has health and safety concerns about in-person classes
  - 4 It has changed ((clcnt))'s stable access to housing
  - 5 It has changed ((clcnt))'s stable access to food sources (such as a campus meal plan)
  - 6 It has changed ((clcnt))'s expenses for tuition, food, or housing
  - 7 It has changed ((clcnt))'s ability to pay tuition
  - 8 It has changed ((clcnt))'s employment status or work hours
  - 9 ((clcnt)) is dissatisfied with the coronavirus response of his or her current institution
  - 10 It has changed ((clcnt))'s desire to be close to home
  - 11 Other, please specify:

**cl010bb\_other** (other how corona affected plans how many classes in section School)  
STRING

END OF GROUP

END OF IF

- cl011** (corona influenced decision to transfer in section School)  
Has the coronavirus epidemic influenced **((clcnt))**'s decision whether to transfer to another institution in the fall?
- 1 Yes
  - 2 No
  - 3 Unsure

IF cl011(clcnt) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cl011b** (how corona influenced decision to transfer in section School)  
How has the coronavirus epidemic influenced **((clcnt))**'s decision whether to transfer to another institution in the fall? Please mark all that apply.

- 1 It has changed ((clcnt))'s family care responsibilities
- 2 It has changed ((clcnt))'s work responsibilities
- 3 ((clcnt)) has health and safety concerns about in-person classes
- 4 It has changed ((clcnt))'s stable access to housing
- 5 It has changed ((clcnt))'s stable access to food sources (such as a campus meal plan)
- 6 It has changed ((clcnt))'s expenses for tuition, food, or housing
- 7 It has changed ((clcnt))'s ability to pay tuition
- 8 It has changed ((clcnt))'s employment status or work hours
- 9 ((clcnt)) is dissatisfied with the coronavirus response of his or her current institution
- 10 It has changed ((clcnt))'s desire to be close to home
- 11 Other, please specify:

**cl011b.other** (other how corona influenced decision to transfer in section School)  
 STRING

END OF GROUP

END OF IF

END OF IF

IF cl005b(clcnt) = 2 THEN

**cl012** (corona influence able to complete degree or certificate in section School)  
 Has the coronavirus epidemic influenced ((clcnt))'s ability to complete his or her degree or certificate in a timely manner?

- 1 Yes
- 2 No
- 3 Unsure

IF cl012(clcnt) = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**cl013** (how corona influenced decision to complete in timely manner in section School)

How has the coronavirus epidemic influenced ((clcnt))'s ability to complete his or her degree or certificate in a timely manner? Mark all that apply.

- 1 It has changed ((clcnt))'s family care responsibilities
- 2 It has changed ((clcnt))'s work responsibilities
- 3 ((clcnt)) has health and safety concerns about in-person classes
- 4 It has changed ((clcnt))'s stable access to housing

5 It has changed ((clcnt))'s stable access to food sources (such as a campus meal plan)

6 It has changed ((clcnt))'s expenses for tuition, food, or housing

7 It has changed ((clcnt))'s ability to pay tuition

8 It has changed ((clcnt))'s employment status or work hours

9 ((clcnt)) is dissatisfied with the coronavirus response of his or her current institution

10 It has changed ((clcnt))'s desire to be close to home

11 Other, please specify:

**cl013.other** (other how corona influenced decision to complete in timely manner in section School)

STRING

END OF GROUP

END OF IF

END OF IF

END OF IF

END OF LOOP

END OF IF

END OF IF

**cl014** (change perceived value post-secondary education in section School)  
 Has the coronavirus epidemic changed how you perceive the value of post-secondary education?

- 1 Yes, I now think post-secondary education is more valuable
- 2 Yes, I now think post-secondary education is less valuable
- 3 No
- 4 Unsure

End of section **School**

Start of section **Payments**

**ca01** (Section Payments)

The next questions ask you about payments you have made recently. You make a payment any time you give money to someone else, such as when you buy something at a store, pay your rent or mortgage, or order food from a restaurant.

**ca02** (cash currently in pocket, purse, wallet in section Payments)

How much cash do you currently have in your pocket, purse or wallet?

RANGE 0..100000

**ca03** (cash stored elsewhere in section Payments)

How much cash do you have stored elsewhere in your home, car, or elsewhere?

RANGE 0..1000000

**ca04** (took out extra cash in section Payments)

Did you take out extra cash because of the coronavirus?

1 Yes

2 No

3 Unsure

**ca05** (any in person payments since march 10, 2020 in section Payments)

Have you made any in-person payments since March 10, 2020?

1 Yes

2 No

3 Unsure

**IF ca05 = 1 THEN**

**ca06** (use cash for in person payments since march 1, 2020 in section Payments)

Did you use cash for any of these payments?

1 Yes

2 No

3 Unsure

**ca09** (merchant refused cash in section Payments)

Has any merchant refused to accept cash for any of these payments?

1 Yes

2 No

3 Unsure

**ca07** (avoid using cash in section Payments)

Are you avoiding using cash because of the coronavirus?

1 Yes

2 No

3 Unsure

**IF ca07 = 1 THEN**

**ca08** (payment method used most avoiding cash in section Payments)

What payment method did you use most often when you avoided cash?

1 Check

2 Money order

3 Debit card

4 Credit card

5 Prepaid card

| 6 Other

END OF IF

ELSEIF ca05 = 2 THEN

ca07 (avoid using cash in section Payments)

Are you avoiding using cash because of the coronavirus?

1 Yes

2 No

3 Unsure

END OF IF

ca011 (switched to paying online or by phone in section Payments)

Have you switched to paying online or paying by phone instead of paying in person since March 10, 2020?

1 Yes

2 No

3 Unsure

IF ca011 = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

ca012.intro (Section Payments)

For what kinds of stores did you decide to switch to online or phone payments?

SUBGROUP OF QUESTIONS

ca012a (switch grocery stores in section Payments)

Grocery stores

1 Yes

2 No

3 Unsure

ca012b (switch restaurants and fast food in section Payments)

Restaurants and fast food

1 Yes

2 No

3 Unsure

ca012c (switch hardware stores in section Payments)

Hardware stores

1 Yes

2 No

3 Unsure

ca012d (switch general merchandise or "big box" stores like Walmart, Kmart,

Target, or Sears in section Payments)  
General merchandise or "big box" stores like Walmart, Kmart, Target, or Sears  
1 Yes  
2 No  
3 Unsure

**ca012e** (switch other stores in section Payments)  
Other stores  
1 Yes  
2 No  
3 Unsure

**ca012f** (switch none of these kinds of stores in section Payments)  
None of these kinds of stores  
1 Yes  
2 No  
3 Unsure

END OF SUBGROUP

END OF GROUP

IF ca012f = 1 AND (ca012a = 1 OR ca012b = 1 OR ca012c = 1 OR ca012d = 1  
OR ca012e = 1) THEN

**ca012\_warning** (Section Payments)  
You said "Yes" to "None of these stores" but also selected "Yes" to one or more different  
kinds of store. Please go back and correct your answer(s).

END OF IF

END OF IF

End of section **Payments**

Start of section **Insurance**

IF covidday IN (3,4,5) THEN

preload\_ins\_randomizer\_specific := getCovid19Preload("ins\_randomizer\_specific")

IF preload\_ins\_randomizer\_specific = RESPONSE AND preload\_ins\_randomizer\_specific  
IN (1,2,3,4) THEN

ins\_randomizer\_specific := preload\_ins\_randomizer\_specific

END OF IF

IF ins\_randomizer\_specific = EMPTY THEN

```
ins_randomizer_specific := mt_rand(1,4)
```

END OF IF

#### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ins001** (specific chance totaled how much willing to fix in section Insurance)

Suppose you already bought a used car. After inspecting the car, an independent agency tells you that the chance the car may be defective within the first year is **(randomizer specific chance())**. If the car is defective, your only option will be to fix it and you will need to pay \$5,000 to do this.

How much would you pay for an insurance policy that would give you back the full \$5,000 to fix the car?

RANGE 0..5000

**cr.error2** (Section Corona)

Please enter an amount between \$0 and \$5,000.

END OF GROUP

END OF IF

End of section **Insurance**

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(240)
```

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. \*/