

# UnderStandingAmericaStudy

UAS 331: 2020 END OF YEAR SURVEY



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# 1 INTRODUCTION

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This survey, titled "UAS 331: 2020 End of Year Survey", asks questions about respondents' experience taking surveys as well as questions on a variety of topics. This survey is no longer in the field. Respondents were paid \$17 to complete the survey.

## 1.1 Topics

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This survey contains questions (among others) on the following topics: Crime, Politics, Social Attitudes And Values, Survey Methodology, Covid-19. 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.

As such, this survey was made available to 9189 UAS participants. Of those 9189 participants, 7288 completed the survey and are counted as respondents. Of those who are not counted as respondents, 65 started the survey without completing and 1836 did not start the survey. The overall response rate was 79.31%.

Note: We are unable to provide sample weights for a small number of UAS members (see the Sample weighting section below for details). If they completed the survey, these members are included in the data set with a weight of zero, but accounted for in the computation of total sample size and survey response rate.%.

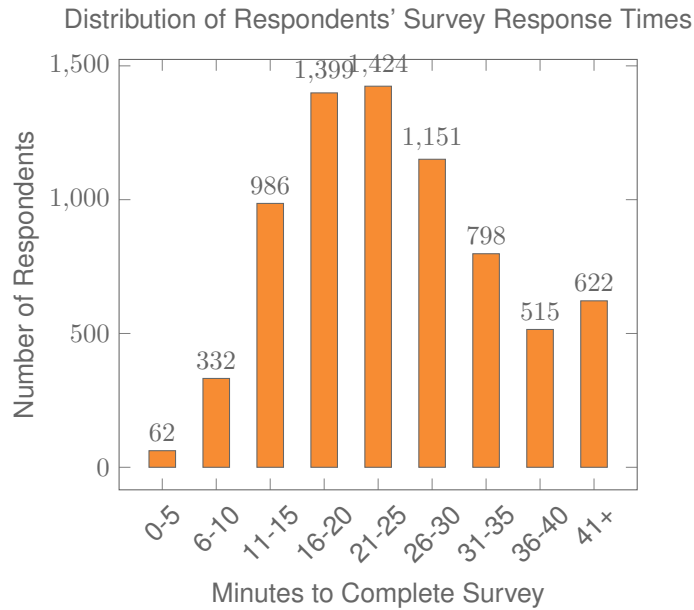
The detailed survey response rate is as follows:

UAS331 - Response Overview	
Size of selected sample	9189
Completed the survey	7288
Started but did not complete the survey	65
Did not start the survey	1836
Response rate	79.31%

### 2.2 Timings

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The survey took respondents an average of 25 minutes, and the full distribution of survey response times is available in the figure below. Times per question are available upon request.



## 2.3 Sample & Weighting

Sample weights for this survey are computed following the general UAS Weighting Procedure. Specifically, we use a two-step process where we first compute base weights, which correct for unequal probabilities of sampling UAS members, and then generate final, post-stratification weights, which align the sample to the reference population along certain socio-economic dimensions. These are gender (male/female), race and ethnicity (White/Black/Other/Hispanic/Native American), age (18-39/40-49/50/59/60+), education (High school or less/Some college/Bachelor or more), Census regions (Northeast/Midwest/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 dataset may contain respondents with a weight of zero. These respondents belong to a small group of UAS members for whom sample weights cannot be computed due to non-probability recruitment for special projects. Hence, while they are accounted for in the total number of survey respondents, they do not contribute to any statistics using sample weights. More information is available from the UAS Weighting Procedure. Please contact UAS staff with any questions.

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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 if 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.

- **sampleframe:** 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 'sampleframe' takes on four values reflecting four distinct sample frames used by the UAS over the year (in future data sets the number of sample frames used for recruitment may increase if additional specific populations are targeted in future recruitment batches):

1. U.S. National Territory: recruited through ABS within the entire U.S.
2. Areas high concentration Nat Ame: recruited through ABS in areas with a high concentration of Native Americans in the zip-code. Within these batches, individuals who are not Native Americans are not invited to join the UAS.
3. Los Angeles County: recruited through ABS within Los Angeles County.
4. California: recruited through ABS within California.

Note: prior to March 6, 2024 this variable was called sampletype and had the following value labels for the above list in UAS data sets:

1. Nationally Representative Sample: recruited through ABS within the entire U.S.
2. Native Americans: recruited through ABS in areas with a high concentration of Native Americans. Within these batches, individuals who are not Native Americans are not invited to join the UAS.
3. LA County: recruited through ABS within Los Angeles County.
4. California: recruited through ABS within California.

- **batch:** indicates the batch from which the respondent was recruited. Currently, this variable takes the following values (in future data sets the number of batches may increase as new recruitment batches are added to the UAS):

1. ASDE 2014/01
2. ASDE 2014/01
3. ASDE 2014/01
4. Public records 2015/05
5. MSG 2015/07
6. MSG 2016/01
7. MSG 2016/01
8. MSG 2016/01
9. MSG 2016/02

10. MSG 2016/03
11. MSG 2016/04
12. MSG 2016/05
13. MSG 2016/08
14. MSG 2017/03
15. MSG 2017/11
16. MSG 2018/02
17. MSG 2018/08
18. MSG 2019/04
19. MSG 2019/05
20. MSG 2019/11
21. MSG 2020/08
22. MSG 2020/10
23. MSG 2021/02
24. MSG 2021/08
25. MSG 2021/08
26. MSG 2022/02
27. MSG 2022/02
28. MSG 2022/08
29. MSG 2022/11
30. MSG 2022/11
31. MSG 2023/01
32. MSG 2023/06
33. MSG 2023/09
34. MSG 2023/10

Note: prior to March 6, 2024 this variable had the following value labels for the above list in UAS data sets:

1. ASDE 2014/01 Nat.Rep.
2. ASDE 2014/01 Native Am.
3. ASDE 2014/11 Native Am.
4. LA County 2015/05 List Sample
5. MSG 2015/07 Nat.Rep.
6. MSG 2016/01 Nat.Rep. Batch 2
7. MSG 2016/01 Nat.Rep. Batch 3



8. MSG 2016/01 Nat.Rep. Batch 4
9. MSG 2016/02 Nat.Rep. Batch 5
10. MSG 2016/03 Nat.Rep. Batch 6
11. MSG 2016/04 Nat.Rep. Batch 7
12. MSG 2016/05 Nat.Rep. Batch 8
13. MSG 2016/08 LA County Batch 2
14. MSG 2017/03 LA County Batch 3
15. MSG 2017/11 California Batch 1
16. MSG 2018/02 California Batch 2
17. MSG 2018/08 Nat.Rep. Batch 9
18. MSG 2019/04 LA County Batch 4
19. MSG 2019/05 LA County Batch 5
20. MSG 2019/11 Nat. Rep. Batch 10
21. MSG 2020/08 Nat. Rep. Batch 11
22. MSG 2020/10 Nat. Rep. Batch 12
23. MSG 2021/02 Nat. Rep. Batch 13
24. MSG 2021/08 Nat. Rep. Batch 15
25. MSG 2021/08 Nat. Rep. Batch 16
26. MSG 2022/02 Nat. Rep. Batch 17 (priority)
27. MSG 2022/02 Nat. Rep. Batch 17 (regular)
28. MSG 2022/08 Nat. Rep. Batch 18
29. MSG 2022/11 LA County Batch 6
30. MSG 2022/11 Nat. Rep. Batch 20
31. MSG 2023/01 Nat. Rep. Batch 21
32. MSG 2023/06 Nat. Rep. Batch 22
33. MSG 2023-09 Native Am. Batch 3
34. MSG 2023-10 Nat. Rep. Batch 23

- **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.
- **hisplativo**: indicates whether the respondent identifies him or herself as being Hispanic or Latino. This variable is asked separately from race.
- **hisplatinogroup**: indicates which Hispanic or Latino group a respondent identifies him or herself with. This is set to missing (.) if the respondent does not identify him or herself as being Hispanic or Latino.
- **white**: indicates whether the respondent identifies him or herself as white (Caucasian).
- **black**: indicates whether the respondent identifies him or herself as black (African-American).
- **nativeamer**: indicates whether the respondent identifies him or herself as Native American (American Indian or Alaska Native).
- **asian**: indicates whether the respondent identifies him or herself as Asian (Asian-American).
- **pacific**: indicates whether the respondent identifies him or herself as Native Hawaiian or Other Pacific Islander.
- **race**: indicates the race of the respondent as singular (e.g., '1 White' or '2 Black') or as mixed (in case the respondent identifies with two or more races). The value '6 Mixed' that the respondent answered 'Yes' to at least two of the single race categories. This variable is generated based on the values of the different race variables (white, black, nativeamer, asian, pacific). This composite measure is not conditional on hisplativo, so an individual may identify as Hispanic or Latino, and also as a member of one or more racial groups.
- **working**: indicates whether the respondent is working for pay.
- **sick\_leave**: indicates whether the respondent is not working because sick or on leave.
- **unemp\_layoff**: indicates whether the respondent is unemployed or on lay off.
- **unemp\_look**: indicates whether the respondent is unemployed and looking for a job.
- **retired**: indicates whether the respondent is retired.
- **disabled**: indicates whether the respondent has a disability.
- **If\_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, If\_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 MISSING 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 due to a 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)).

UAS provides data in STATA and CSV format. Stata data sets come with include variable labels that are not available in the CSV files. Value labels are provided for single-response 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 multiple-response 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 string format 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 named and so on.

More information about the UAS data in general can be found 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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/\* The sections that are custom to the end of year survey are presented in semi-random order where every custom section can appear first. The order is captured in variable `module_orderwithvalues` :

- 1 Other Questions
- 2 Machine Learning
- 3 Fingers
- 4 Assimilation Approval
- 5 Police
- 6 Social Questions
- 7 Qualitative Covid
- 8 Election Recap
- 9 BRET Game

\*/

```
IF module_order = EMPTY THEN  
| module_order := mt_rand(1,9)  
END OF IF
```

section\_cnt := 1

Start of section **Yearend**

**intro** (intro in section Helpdesk)

This survey asks about your experience with the Understanding America Study in 2020, and it is for everyone!

First, the Understanding America Study team would like to sincerely thank you for taking part in our study. If you have been with us for a while or if you are just starting this month, you have participated in surveys on a number of important topics.

Your willingness and attention to answering these surveys to the best of your ability is very valuable to us. We hope you feel that your voice is being heard. We hear you! We love the extra comments you leave, and the chances we have to talk to you by phone, remarks, or email.

This survey is our end of the year survey, and we try to make it a fun one.

We will ask some questions about:  
your experience taking surveys with us, your experience communicating with us, your payments, miscellaneous topics our researchers have waited all year to ask  
We will write them up in our next emailed newsletter.

We wish you a very Happy New Year, and here's to more surveys ahead and a wonderful 2021!

End of section **Yearend**

Start of section **Helpdesk**

**intro\_helpdesk** (intro helpdesk in section Helpdesk)

First, we'd like to ask you a few questions about your interactions with our Help Desk. Please think about interactions you might have had with us through our toll free number, our email addresses, or the messages you might leave us on the study website.

**hd\_01** (contacted help desk in section Helpdesk)

Have you ever contacted our Help Desk?

- 1 Yes
- 2 No

**IF hd\_01 = 1 THEN**

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

**hd\_01why** (why help desk in section Helpdesk)

Why did you contact the Help Desk?

- 1 Needed login information
- 2 Needed help with the device/computer I take surveys on
- 3 Had trouble with a survey
- 4 Had issues with the prepaid card
- 5 To ask about a payment owed
- 6 To change a mailing address or email address
- 7 To add a family member
- 8 Other (please explain):

**hd\_01why\_other** (why help desk other reason in section Helpdesk)

Why did you contact the Help Desk?

STRING

**END OF GROUP**

**hd\_02** (rate help desk in section Helpdesk)

How would you rate our Help Desk?

- 1 Extremely Poor
- 2 Below Average
- 3 Average
- 4 Above Average
- 5 Excellent

**IF hd\_02 < 4 THEN**

**hd\_02average** (help desk average or poor in section Helpdesk)

Thank you for this feedback. We would very much appreciate if you could tell us how we can improve in the box below.

STRING

**END OF IF**

**hd\_03** (commendable staff in section Helpdesk)

Have you spoken to or emailed with someone particularly helpful?

1 Yes

2 No

**IF hd\_03 = 1 THEN**

**hd\_03.name** (commendable staff name or comments in section Helpdesk)

Do you remember who that was so we can let him or her know? If so type the name here or any other comments you may have.

STRING

**END OF IF**

**ELSEIF hd\_01 = 2 THEN**

**hd\_01no** (help desk never in section Helpdesk)

In case you need us in the future, we are here 9am to 5pm Pacific Time, at this number: 1-855-872-8673 or by email: uashelp@usc.edu. We often answer emails after hours and on weekends.

If you call, you most likely will speak with Siah, Amy, Jessica, Yadira, Jill, or Tania. Sometimes when we are in the office we are all on the other line and you may get our voicemail. We will try our best to return your call you as soon as we can, or by the next workday.

The University is closed December 21st - January 3rd, but we will be checking email.

**END OF IF**

End of section **Helpdesk**

section\_cnt := 2

Start of section **Surveys**

**s\_00** (devices you currently own or use in section Surveys)

Which of the following types of devices do you currently own or use? Select all that apply.

- 1 A desktop, laptop or tablet computer that has an attached keyboard
- 2 A tablet device such as an iPad, Samsung, etc. that does not have an attached keyboard
- 3 A smartphone (e.g. Apple iPhone, Android, or any other phone that can access the internet)
- 4 A fitness tracking watch or ring such as an Apple iWatch, Fitbit, Garmin, Oura, etc.

**IF 4 IN s\_00 THEN**

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

**s\_00\_fitness** (fitness trackers you currently own or use in section Surveys)

Which fitness tracker(s) do you use?

- 1 Apple iWatch
- 2 Samsung smartwatch
- 3 Fitbit
- 4 Samsung Fit device
- 5 Garmin product
- 6 Oura ring
- 7 Other:

**s\_00\_fitness\_other** (other tracker in section Surveys)

what other tracker

STRING

**END OF GROUP**

**END OF IF**

**s\_08** (How would you rate your computer skill level? in section Surveys)

How would you rate your computer skill level?

- 1 Beginner
- 2 Moderate
- 3 Competent
- 4 Expert

**s\_09** (How confident in using computer in section Surveys)

In general, how confident are you in using a computer for writing tasks that involve typing on the computer keyboard such as answering email?

- 1 Not confident at all
- 2 Somewhat confident
- 3 Very confident
- 4 Completely confident

**IF 3 IN s\_00 THEN**

**s\_10** (How confident in using smart phone in section Surveys)

How would you rate your smart phone skill level?

- 1 Beginner
- 2 Moderate
- 3 Competent
- 4 Expert

**s\_11** (Phone for writing in section Surveys)

In general, how confident are you in using your smart phone for writing tasks that involve typing, such as answering email?

- 1 Not confident at all
- 2 Somewhat confident
- 3 Very confident
- 4 Completely confident

**END OF IF**

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

**s\_02** (internet in section Surveys)

What kind of internet connection do you usually have access to when you take our surveys?

- 1 Wireless (either a hotspot outside of your home, or a home router)
- 2 Ethernet cable
- 3 Satellite
- 4 3G/4G/5G card (such as what a cell phone or tablet uses)
- 5 Other, please specify:
- 6 I don't know

**s\_02.other** (other internet in section Surveys)

What other kind of internet connection do you use when you take our surveys?

STRING

**END OF GROUP**

**s\_03** (number of surveys in section Surveys)

Around how many surveys do you think you have taken with the Understanding America Study in the last year?

- 1 1
- 2 2-4
- 3 5-7
- 4 8-12
- 5 13-20
- 6 20 or more

**s\_04** (other survey companies in section Surveys)

Do you take surveys for any other companies or organizations?

1 Yes

2 No

**IF s\_04 = 1 THEN**

**s\_04yes** (are surveys from other companies paid in section Surveys)

Are you paid for taking surveys with other companies?

1 Yes

2 No

**IF s\_04yes = 1 THEN**

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

**s\_04yeshowmuch** (how are you paid in section Surveys)

How are you paid for taking surveys with other companies?

1 Gift cards

2 Dollar amount per survey

3 Points that can be exchanged for prizes

4 Other, please let us know what:

**s\_04yeshowmuch\_Other** (how else are you paid in section Surveys)

How else are you paid for taking surveys with other companies?

STRING

**END OF GROUP**

**END OF IF**

**END OF IF**

**s\_05** (favorite surveys in section Surveys)

We try to give you a variety of surveys. Which survey topic is your favorite?

1 Surveys about health topics

2 Surveys about financial matters

3 Surveys about current events

4 Surveys with special tasks (phone interviews, devices, etc.)

5 Surveys where the reward depends on what you choose and on chance

6 Surveys that feel like quizzes

10 Surveys about politics

7 I can't decide, I like all of them

8 I can't decide, I don't like any of them

9 I have no opinion

**s\_06** (open topics in section Surveys)

What important topic or topics have we not yet asked you about or that you would like to answer more surveys about?

STRING

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

**s\_13** (why take surveys in section Surveys)

Why do you take surveys with the Understanding America Study?

- 1 I like to express my opinions
- 2 I like the extra money
- 3 I feel I am contributing to the common good
- 4 I like to exercise my brain
- 5 Other reasons, please explain:

**s\_13other** (other tracker in section Surveys)

what other reason for taking surveys

STRING

#### END OF GROUP

End of section **Surveys**

section\_cnt := 3

Start of section **Payments**

**paymentintro** (payment intro in section Payments)

Next we will ask about your payments. Your ClinCard is sent with your welcome packet right after we process your first survey. You can check your ClinCard balance by signing up with an account at <https://consumercardaccess.com/myclincard>.

We work with other departments at USC to reload and issue the ClinCards. Our goal is to pay you the first week of each month for the surveys you took during the previous month.

Every time we replace your card and every time we load your card we are charged a fee, so please try to keep your card safe. We will give you the first replacement at no cost, but after that ClinCard charges \$7 to replace it.

The default birthday on your ClinCard is 01/01/1900. Please use that number until we have entered your actual birthday. Your actual birthday is now required to check your balance when you speak to a customer service representative at Greenphire. You can enter the birthday we should give to ClinCard in your study pages.

Please click Next to continue.

**p\_01** (have clincard in section Payments)

Do you currently have the prepaid card called a "ClinCard" that we sent you for your rewards?

1 Yes

2 No

**IF p\_01 = 2 THEN**

**p\_01no** (no to have clincard in section Payments)

Good to know! It may be on its way, or we may need to send you a replacement card. We will try to contact you to confirm your mailing address and your balance when we review this survey. If you have changed your address, phone or email address it would be helpful if you could contact us immediately through the contact section of your study pages, where we have added a feature to request address changes. You could also just email us at [uashelp@usc.edu](mailto:uashelp@usc.edu).

Please click Next to continue.

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

**p\_04** (other forms of payment in section Payments)

We chose ClinCard for our payments because it allowed us to send cards without giving the company information other than your name and address, and allows us to make monthly payments. Most other reloadable prepaid cards require a Social Security number. In an ideal world, how would you prefer your rewards be given to you?

1 Amazon gift card

2 Starbucks gift card

3 Other retail gift card

4 ClinCard

5 Cash

6 Check

9 Other electronic transfers (VenMo, PayPal, etc.)

7 I am not interested in the rewards

8 Other:

**p\_04.other** (other forms of payment in section Payments)

What other form would you prefer?

STRING

**END OF GROUP**

**END OF IF**

**IF p\_01 = 1 THEN**

**p\_02** (used ClinCard in section Payments)

Have you used your ClinCard to make a purchase or get cash?

1 Yes



2 No

IF p\_02 = 1 THEN

p\_03 (ClinCard rating in section Payments)

In general, how easy do you find it to use your ClinCard and check things like your balance?

- 1 Very difficult
- 2 Difficult
- 3 Neither difficult nor easy
- 4 Easy
- 5 Very easy

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

p\_04 (other forms of payment in section Payments)

We chose ClinCard for our payments because it allowed us to send cards without giving the company information other than your name and address, and allows us to make monthly payments. Most other reloadable prepaid cards require a Social Security number. In an ideal world, how would you prefer your rewards be given to you?

- 1 Amazon gift card
- 2 Starbucks gift card
- 3 Other retail gift card
- 4 ClinCard
- 5 Cash
- 6 Check
- 9 Other electronic transfers (VenMo, PayPal, etc.)
- 7 I am not interested in the rewards
- 8 Other:

p\_04.other (other forms of payment in section Payments)

What other form would you prefer?

STRING

END OF GROUP

END OF IF

END OF IF

End of section **Payments**

**eoy\_intro** (into to end of year module in section Payments)

Over the year our researchers think of many questions they want to ask you, and anxiously await their chance to try to get them into our end of year survey. Following are some of their questions that span many topics. Thanks!

IF module\_order = 1 THEN

Start of section **New\_2020**

**eoyintro** (intro for random section in section New\_2020)

*These next few questions deal with a variety of topics, including asking your opinion on education today and your eating habits.*

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

**eoy\_01intro** (intro for education concern in section New\_2020)

How concerned are you that today's generation of K-12 (kindergarten through high school senior) students may not make as much academic progress this year as they would during a typical academic year?

#### SUBGROUP OF QUESTIONS

**eoy\_01** (Concerned about today's K-12 in section New\_2020)

Today's generation of K-12 students

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

**eoy\_02** (Concerned about lower income in section New\_2020)

K-12 students from lower-income households

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

**eoy\_03** (Concerned about students from color in section New\_2020)

K-12 students from households of color

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

**eoy\_04** (Concerned about elementary students in section New\_2020)

Elementary school students

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

**eoy\_05** (Concerned about middle/high school students in section New\_2020)

Middle/high school students

- 1 Not at all concerned
- 2 A little concerned
- 3 Concerned
- 4 Very concerned

END OF SUBGROUP

END OF GROUP

**eoy\_06** (level of physical activity in section New\_2020)

Overall, how would you describe your level of physical activity?

- 1 Inactive
- 2 Mildly active
- 3 Moderately active
- 4 Active
- 5 Very active

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**eoy\_07** (If the pandemic was over in section New\_2020)

If the pandemic was over, what would you do tomorrow?

- 1 Book a vacation
- 2 Bring the kids to school
- 3 Go to a bar
- 4 Go to religious services
- 5 Go to a restaurant
- 6 Go to a theme park
- 7 Go to a group class to exercise (dance, kick boxing, jujitsu, yoga)
- 8 Go to a group class to learn something (drawing, acting, language, etc.)
- 9 Have a party
- 10 Go on a date
- 11 Nothing different
- 12 There is no pandemic
- 13 Something else! Please tell:

END OF GROUP

**eoy\_08** (eating behavior or vegetarian (was issues\_01 in 2016) in section New\_2020)

Which of the following, if any, best describes your eating behavior?

- 1 I never eat meat, fish, seafood, poultry, dairy, or eggs
- 2 I never eat meat, fish, seafood, or poultry
- 3 I never eat meat, fish, seafood, poultry, dairy, or eggs when eating out or getting

takeout, but eat one or more of these foods at home

4 I never eat meat, fish, seafood, or poultry when eating out or getting takeout, but eat one or more of these foods at home

5 When eating out or getting takeout, I sometimes eat meals without meat, fish, poultry, dairy, or eggs

6 None of these

/\* The percentage presented in question ins001 is preloaded per assigned value. If it has no value it is randomly set. The resulting value is captured in variable ins\_randomizer\_specific with values:

o 1 2

o 2 5

o 3 10

o 4 20

o 5 30

o 6 40

o 7 50

o 8 60

o 9 70

o 10 80

o 11 90

\*/

preload\_ins\_randomizer\_specific := getInsRandomizer()

IF preload\_ins\_randomizer\_specific = RESPONSE THEN

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

ELSE

| IF ins\_randomizer\_specific = EMPTY THEN

| | ins\_randomizer\_specific := mt\_rand(1,11)

| END OF IF

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

| ins001 (specific chance totaled how much willing to fix in section New\_2020)

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 New\_2020)

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

### END OF GROUP

End of section **New\_2020**

Start of section **Machine**

**ml\_intro** (machine learning intro in section Machine)

*This next section asks some questions about Machine Learning.*

**ml001** (how much know about machine learning in section Machine)

How much, if anything, would you say you know about "Machine Learning"?

- 1 A great deal
- 2 A fair amount
- 3 Just a little
- 4 Heard of, but knowing nothing about
- 5 Never heard of

### GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**ml002\_intro** (Section Machine)

Machine Learning is when machines or computers have the ability to adapt, learn and make recommendations and decisions on their own without a human giving them ongoing instructions. Below is a list of several technologies that use Machine Learning.

For each could you please tell me if you've seen or heard anything about this technology?

### SUBGROUP OF QUESTIONS

**ml002a** (Computers that can recognize speech and answer questions in section Machine)

Computers that can recognize speech and answer questions

- 1 I have seen or heard about this

2 I have not seen or heard about this

**ml002b** (Driverless vehicles which can adapt to road and traffic conditions in section Machine)

Driverless vehicles which can adapt to road and traffic conditions

1 I have seen or heard about this

2 I have not seen or heard about this

**ml002c** (Facial recognition computers which can learn identities from video in section Machine)

Facial recognition computers which can learn identities from video

1 I have seen or heard about this

2 I have not seen or heard about this

**ml002d** (Computer programs which show you websites or advertisements based on you web browsing habits in section Machine)

Computer programs which show you websites or advertisements based on your web browsing habits

1 I have seen or heard about this

2 I have not seen or heard about this

**ml002e** (Computer which analyze medical records to help diagnose patients in section Machine)

Computer which analyze medical records to help diagnose patients

1 I have seen or heard about this

2 I have not seen or heard about this

**ml002g** (Robots that can make their own decisions and can be used by the armed forces in section Machine)

Robots that can make their own decisions and can be used by the armed forces

1 I have seen or heard about this

2 I have not seen or heard about this

**ml002h** (Robots that can adapt to the home environment, for example helping to clean the room or caring for older people in section Machine)

Robots that can adapt to the home environment, for example helping to clean the room or caring for older people

1 I have seen or heard about this

2 I have not seen or heard about this

**ml002i** (Computers which can make investments in the stock market in section Machine)

Computers which can make investments in the stock market

1 I have seen or heard about this

| 2 I have not seen or heard about this

| END OF SUBGROUP

END OF GROUP

**ml003** (risks or benefits of machine learning in section Machine)

Some suggest that Machine Learning can benefit society by allowing computers to add to what people can already do, such as diagnosing diseases or making public transport more efficient. Others say they are risks, because the learning process of a computer is not always perfect which can present possible dangers if a computer makes a decision rather than a human. Which or the following is closest to your view about the balance of risks and benefits?

- 1 The benefits are much bigger than the risks
- 2 The benefits are slightly bigger than the risks
- 3 The benefits and risks are both equal
- 4 The risks are slightly bigger than the benefits
- 5 The risks are much bigger than the benefits
- 6 Don't know

End of section **Machine**

Start of section **Fingers**

**introf** (Section Fingers)

*These next questions are about the length of your fingers, and whether you are left-handed or right-handed.*

/\* Respondents are asked about their left and right hand in random order per variable finger\_order with values:

- o 1 Left hand, then right hand
- o 2 Right hand, then left hand

\*/

**IF** finger\_order = EMPTY **THEN**

| finger\_order := mt\_rand(1,2)

**END OF IF**

**IF** finger\_order = 1 **THEN**

| **fin001** (left finger comparison palm down in section Fingers)

Please put your left hand on a flat surface with the palm down, fingers next to each other. Keeping your fingers straight, look to see which finger is longer on your left hand:

the index finger or the ring finger?

On my **left hand**...

- 1 My index finger is longer than my ring finger
- 2 My index finger is shorter than my ring finger
- 3 My ring and index finger are the same length
- 4 I am physically unable to do this

**fin002** (right finger comparison palm down in section Fingers)

Please put your **right hand** on a flat surface with the palm down, fingers next to each other. Keeping your fingers straight, look to see which finger is longer on your right hand: the index finger or the ring finger?

On my **right hand**...

- 1 My index finger is longer than my ring finger
- 2 My index finger is shorter than my ring finger
- 3 My ring and index finger are the same length
- 4 I am physically unable to do this

#### ELSE

**fin002** (right finger comparison palm down in section Fingers)

Please put your **right hand** on a flat surface with the palm down, fingers next to each other. Keeping your fingers straight, look to see which finger is longer on your right hand: the index finger or the ring finger?

On my **right hand**...

- 1 My index finger is longer than my ring finger
- 2 My index finger is shorter than my ring finger
- 3 My ring and index finger are the same length
- 4 I am physically unable to do this

**fin001** (left finger comparison palm down in section Fingers)

Please put your left hand on a flat surface with the palm down, fingers next to each other. Keeping your fingers straight, look to see which finger is longer on your left hand: the index finger or the ring finger?

On my **left hand**...

- 1 My index finger is longer than my ring finger
- 2 My index finger is shorter than my ring finger
- 3 My ring and index finger are the same length
- 4 I am physically unable to do this

#### END OF IF

**fin003** (left or right handed in section Fingers)

Are you left-handed or right-handed?



1 Left-handed  
2 Right-handed

**fin004** (Section Fingers)

Are you generally a person who tries to avoid taking risks or one who is fully prepared to take risks? Please rate yourself from 0 to 10, where 0 means "not at all willing to take risks" and 10 means "very willing to take risks."

0 0 Not at all willing to take risks  
1 1  
2 2  
3 3  
4 4  
5 5  
6 6  
7 7  
8 8  
9 9  
10 10 Very willing to take risks

End of section **Fingers**

Start of section **Assimilation**

/\* Respondents are asked about their approval for current and future presidents. The introduction text is either a short or long variant, where the long variant explicitly names the presidents asked about. The variant is randomly assigned per variable as\_randomizer with values:

- o 1 Short variant
- o 2 Long variant

\*/

**IF** as\_randomizer = EMPTY **THEN**

| as\_randomizer := mt\_rand(1,2)

**END OF IF**

as\_questions := array(1 → "as001", 2 → "as002", 3 → "as003")

/\* Respondents are asked about their approval for President Trump, former President Bush and former President Obama in random order per variables as\_order with values:

```

    ○ 1 Donald Trump (as001)
    ○ 2 George Bush (as002)
    ○ 3 Barack Obama (as003)
*/

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

IF as_format = EMPTY THEN
| as_format := mt_rand(1,2)
END OF IF

IF as_randomizer = 1 THEN
| as_intro (Section Assimilation)
| Next, we will ask for your opinion.
ELSE
| Fill code of question FL_as_intro executed

| as_intro2 (Section Assimilation)
| Next, we will ask for your opinion. We will ask about President (order of approval
| questions(1)), President (order of approval questions(2)), and President (order of
| approval questions(3)).
END OF IF

IF as_format = 1 THEN
| LOOP FROM 1 TO 3
|
| /* Respondents are asked about their approval for President Trump (as001), former
| President Bush (as002) and former President Obama (as003) in random order per
| variables as_order */
|
| END OF LOOP
ELSE
| GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN
|
| LOOP FROM 1 TO 3
|
| /* Respondents are asked about their approval for President Trump (as001), former

```

President Bush (as002) and former President Obama (as003) in random order per variables as\_order \*/

END OF LOOP

END OF GROUP

END OF IF

End of section **Assimilation**

Start of section **Police**

**pl.intro** (police and civilian shooting module intro in section Police)

*We would like to ask you a few questions about police officers killing people and about people killing police.*

**IF statereside = EMPTY THEN**

**statereside.ask** (ASK R STATE RESIDENCE in section Police)

In what state are you currently residing?

- 1 Alaska
- 2 Alabama
- 3 Arizona
- 4 Arkansas
- 5 California
- 6 Colorado
- 7 Connecticut
- 8 Delaware
- 9 Florida
- 10 Georgia
- 11 Hawaii
- 12 Idaho
- 13 Illinois
- 14 Indiana
- 15 Iowa
- 16 Kansas
- 17 Kentucky
- 18 Louisiana
- 19 Maine
- 20 Maryland
- 21 Massachusetts
- 22 Michigan
- 23 Minnesota
- 24 Mississippi

25 Missouri  
26 Montana  
27 Nebraska  
28 Nevada  
29 New Hampshire  
30 New Jersey  
31 New Mexico  
32 New York  
33 North Carolina  
34 North Dakota  
35 Ohio  
36 Oklahoma  
37 Oregon  
38 Pennsylvania  
39 Rhode Island  
40 South Carolina  
41 South Dakota  
42 Tennessee  
43 Texas  
44 Utah  
45 Vermont  
46 Virginia  
47 Washington  
48 West Virginia  
49 Wisconsin  
50 Wyoming  
51 Washington D.C.  
52 Puerto Rico

ELSE

statereside\_ask := statereside

END OF IF

Fill code of question FLState executed

**ph001** (police officers killed anyone in state in section Police)

To your knowledge, have police officers killed anyone in **(your state/~statereside\_ask)** during 2020?

1 Yes

2 No

IF **ph001 = 1** THEN

**ph001a** (number of people killed by police in state in section Police)

What is your best guess as to how many people were killed by police in **(your state/~statereside\_ask)** in 2020?

| RANGE 0..10000000

END OF IF

**ph002** (number of people killed by police in U.S. in section Police)

What is your best guess as to how many people were killed by police in the **United States** in 2020?

RANGE 0..10000000

**ph003** (number of police killed in U.S. in line of duty in section Police)

Switching gears, approximately how many police do you think were killed in the line of duty in the **United States** in 2020?

RANGE 0..10000000

End of section **Police**

Start of section **Sociologist.Special**

**ss.intro** (life experience intro in section Sociologist.Special)

*The following questions are about your life experiences and circumstances. Please answer the questions to the best of your ability.*

**ss.01** (self reported health in section Sociologist.Special)

Would you say that in general your health is...

- 1 Excellent
- 2 Very good
- 3 Good
- 4 Fair
- 5 Poor

**ss.02** (embarrassed by education, income, job, possessions in section Sociologist.Special)

Think for a moment about your position in society and how it makes you feel. Do you ever feel embarrassed by your or your parents - - level of education, income, job, or possessions? If so, how often do you feel this way?

- 1 Yes, every day
- 2 Yes, a few times a week
- 3 Yes, once a week
- 4 Yes, a few times a month
- 5 Yes, once a month
- 6 Yes, a few times a year
- 7 Yes, once a year or less
- 8 No, never

**ss.03** (highest education completed by parents in section Sociologist.Special)

What is the highest level of education completed by your parent(s) or guardian(s)?

- 1 Less than high school or high school incomplete (No diploma)
- 2 High school graduate (Diploma or GED certificate)
- 3 Some college, no degree
- 4 Associate degree (Two-year college or vocational/technical degree)
- 5 Bachelor's degree (For example: BA, AB, BS)
- 6 Postgraduate or professional degree, including master's, doctoral, medical or law degree (For example: MA, MS, PhD, JD)
- 7 Don't know

End of section **Sociologist\_Special**

Start of section **Qualcovid**

**qc\_intro** (covid qual intro in section Qualcovid)

*The next questions will ask you about your experiences with the COVID-19 pandemic. We would like to hear from you - - in your own words - - how the pandemic has affected you. Please feel free to write as much as you like and do not worry about spelling or grammar. We are interested in hearing your thoughts and views on the pandemic.*

**qc001** (biggest losses and challenges in section Qualcovid)

The COVID-19 pandemic has affected everyone in our society. People have experienced many challenges and struggles due to the pandemic. In your own words, what would you say were the biggest losses, the biggest challenges that COVID has imposed on you and your family?

STRING

**qc002** (what gave strength and hope in section Qualcovid)

Similarly, what gave you strength and hope during this difficult time? What helped you make it through?

STRING

**qc003** (what done differently in section Qualcovid)

As you look back to when the COVID-19 pandemic started and what you know now, what should we as a society have done differently to manage this public health crisis?

STRING

End of section **Qualcovid**

Start of section **ElectionRecap**

**el\_intro** (Section ElectionRecap)

*The next questions are about the 2020 election. You may have answered these or similar questions, but we are asking again because we are interested in how Americans are feeling about the election these days.*

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

**happy\_pres** (How Happy Outcome Election in section ElectionRecap)

All things considered, on a scale from 0 to 100 where 0 means completely unhappy and 100 means completely happy, what number would you choose to represent how happy or unhappy you are with the overall outcome of the election **for U.S. President?**  
RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

#### END OF GROUP

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

**econ\_nextterm** (Economic Collapse or Prosperity in section ElectionRecap)

On a scale from 0 meaning economic collapse to 100 meaning economic prosperity, what number would you choose to represent how you think the economy will be doing by the end of the next four years?  
RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

#### END OF GROUP

/\* Respondents are asked about who won the 2020 U.S. Election with the candidates presented in random order per variables whowon\_order with values:

- o 1 Joe Biden
- o 2 Donald Trump

NOTE: the option "The outcome is not yet known" is always presented last. \*/

**IF** sizeof(whowon\_order) = 0 **THEN**

whowon\_order := shuffleArray(array(1 →1, 2 →2))  
whowon\_order(3) := 3

**END OF IF**

**whowon** (Who won the election in section ElectionRecap)

To the best of your knowledge, did (order of who won(1)) or (order of who won(2)) win the 2020 election for U.S. president?

- 1 Joe Biden
- 2 Donald Trump

3 The outcome is not yet known

**IF whowon = 3 THEN**

**bestguess** (which candidate will become pres in section ElectionRecap)

Which candidate do you think will ultimately become president in 2021?

- 1 Joe Biden
- 2 Donald Trump
- 3 Not sure

**END OF IF**

**IF whowon\_order(1) = 1 THEN**

**ratebiden** (Approve/Disapp Biden conduct since Nov 3 in section ElectionRecap)

In general, do you approve or disapprove of Joe Biden's conduct since the election on November 3?

- 1 Strongly approve
- 2 Approve
- 3 Neither approve nor disapprove
- 4 Disapprove
- 5 Strongly disapprove

**ratetrump** (Approve/Disapp Trump conduct since Nov 3 in section ElectionRecap)

In general, do you approve or disapprove of Donald Trump's conduct since the election on November 3?

- 1 Strongly approve
- 2 Approve
- 3 Neither approve nor disapprove
- 4 Disapprove
- 5 Strongly disapprove

**ELSE**

**ratetrump** (Approve/Disapp Trump conduct since Nov 3 in section ElectionRecap)

In general, do you approve or disapprove of Donald Trump's conduct since the election on November 3?

- 1 Strongly approve
- 2 Approve
- 3 Neither approve nor disapprove
- 4 Disapprove
- 5 Strongly disapprove

**ratebiden** (Approve/Disapp Biden conduct since Nov 3 in section ElectionRecap)

In general, do you approve or disapprove of Joe Biden's conduct since the election on November 3?

- 1 Strongly approve



```

2 Approve
3 Neither approve nor disapprove
4 Disapprove
5 Strongly disapprove
END OF IF

IF citizenus = 1 AND statereside != 34 THEN
  uas318_regis := getUAS318Preload("regis")

  IF uas318_regis = RESPONSE THEN
    regis := uas318_regis
  ELSE
    regis (Registered in time to Vote? in section ElectionRecap)
    Regardless of whether you voted in the November 3 election, were you registered to
    vote at your current address in time to cast a ballot in the November 3 election if you
    had chosen to do so?
    1 Yes, I was registered to vote in time for the election
    2 I was not registered to vote in time for the election
    3 Not sure
  END OF IF

  IF regis = 1 THEN
    uas318_partyreg := getUAS318Preload("partyreg")

    IF uas318_partyreg = RESPONSE THEN
      partyreg := uas318_partyreg
    ELSE
      partyreg (Party Registration in section ElectionRecap)
      Are you registered as:
      1 Democrat
      2 Republican
      3 No political party (independent)
      4 No political party (state does not allow registration by party)
      5 Libertarian
      6 Green party
      7 Some other party
    END OF IF
  END OF IF

  uas318_party_affil := getUAS318Preload("party_affil")

```

**IF uas318\_party\_affil = RESPONSE THEN**

| party\_affil := uas318\_party\_affil

**ELSE**

| **party\_affil** (Party affiliation in section ElectionRecap)

Regardless of if or how you are registered to vote, are you more closely aligned with...

- 1 Democrats
- 2 Republicans
- 3 Independents (no political party)
- 4 Libertarians
- 5 Green party
- 6 Some other party
- 7 Not aligned with any political party

**END OF IF**

**IF party\_affil = 3 OR party\_affil = 7 THEN**

| uas318\_lean\_affil := getUAS318Preload("lean\_affil")

**IF uas318\_lean\_affil = RESPONSE THEN**

| lean\_affil := uas318\_lean\_affil

**ELSE**

| **lean\_affil** (Leaned Party Affiliation in section ElectionRecap)

Generally speaking, do you lean more toward affiliating with Democrats or with Republicans?

- 1 Lean toward affiliating with Democrats
- 2 Lean toward affiliating with Republicans
- 3 Do not lean toward either party

**END OF IF**

**END OF IF**

**IF regis = 1 OR statereside = 34 THEN**

| uas318\_voted\_2020 := getUAS318Preload("voted\_2020")

**IF uas318\_voted\_2020 = RESPONSE THEN**

| voted\_2020 := uas318\_voted\_2020

**ELSE**

| **voted\_2020** (Did you vote in the 2020 presidential election in section ElectionRecap)

Which of the following best describes how you did or did not vote in the election that took place on and before November 3, 2020 (choose all that apply)

- 1 I did not vote in the election
- 2 I voted for a presidential candidate in the election
- 3 I voted for a congressional candidate in the election
- 4 I voted in other races, and/or for local initiatives

```

| | 5 Not sure if I voted
| | END OF IF
| | END OF IF

| IF 2 IN voted_2020 THEN
| | voter.status := 1
| ELSEIF (3 IN voted_2020 OR 4 IN voted_2020) AND !(2 IN voted_2020) THEN
| | voter.status := 2
| ELSEIF regis = 1 AND 1 IN voted_2020 THEN
| | voter.status := 3
| ELSEIF regis = 2 OR regis = 3 OR 5 IN voted_2020 THEN
| | voter.status := 4
| ELSEIF citizenus = 2 THEN
| | voter.status := 5
| END OF IF

| IF regis = 1 OR statereside = 34 THEN
| | IF 2 IN voted_2020 THEN
| | | uas318.vote_pres := getUAS318Preload("vote_pres")
| | | uas318.vote_pres_other := getUAS318Preload("vote_pres_other")
| |
| | IF uas318.vote_pres = RESPONSE THEN
| | | vote_pres := uas318.vote_pres
| | | vote_pres_other := uas318.vote_pres_other
| | ELSE
| | | GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN
| | |
| | | vote_pres (Vote for U.S. President, 2020 in section ElectionRecap)
| | | In the election for U.S. President did you vote for:
| | | 1 Joe Biden
| | | 2 Donald Trump
| | | 3 Jo Jorgensen
| | | 4 Howie Hawkins
| | | 5 Some other candidate:
| | | 6 Did not vote for a presidential candidate
| | |
| | | vote_pres_other (Vote for U.S. President, 2020 other in section ElectionRe-
| | | cap)
| | | STRING
| | |
| | | END OF GROUP
| | END OF IF
| END OF IF

```

```

uas318_when_dec := getUAS318Preload("when_dec")

IF uas318_when_dec = RESPONSE THEN
  when_dec := uas318_when_dec
ELSE
  when_dec (When decided presidential vote in section ElectionRecap)
  When did you make your final decision about which candidate to vote for in the
  presidential election?
  1 On election day
  2 A week or so before the election
  3 Two weeks before the election
  4 Three weeks before the election
  5 A month before the election
  6 Longer ago than that
END OF IF
END OF IF

IF voter_status = 1 OR voter_status = 2 THEN
  uas318_vote_method := getUAS318Preload("vote_method")
  uas318_vote_method_other := getUAS318Preload("vote_method_other")

  IF uas318_vote_method = RESPONSE THEN
    vote_method := uas318_vote_method
    vote_method_other := uas318_vote_method_other
  ELSE
    GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

    vote_method (Voting method in section ElectionRecap)
    What method did you use to cast your vote in the election?
    1 In person, before election day, by dropping off a mail ballot or absentee ballot at
    a voting location or ballot box
    2 In person, before election day, by filling out a ballot at a voting location
    3 In person, on election day, at a voting location
    4 By mail, using a mail ballot or an absentee ballot
    5 Some other way:

    vote_method_other (Voting method other in section ElectionRecap)
    STRING

    END OF GROUP
  END OF IF
END OF IF

IF vote_pres = RESPONSE AND vote_pres < 6 THEN

```

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**vote\_regret** (Do-over Vote for U.S. President, 2020 in section ElectionRecap)  
If you were able to vote over again today in the election for U.S. President, would you vote for:  
1 Joe Biden  
2 Donald Trump  
3 Jo Jorgensen  
4 Howie Hawkins  
5 Some other candidate:  
6 I would not vote for a presidential candidate

**vote\_regret\_other** (Do-over Vote for U.S. President, 2020 other in section ElectionRecap)  
STRING

END OF GROUP

END OF IF

END OF IF

END OF IF

IF voter\_status = 3 OR voter\_status = 4 THEN

**nonvoters** (Reason why did not register or vote this year in section ElectionRecap)  
Which of the following best describes why you did not register to vote, or registered but did not vote, in the November 2020 election?  
1 I intended or wanted to vote in the election this year but couldn't  
2 I did not want to vote in the election this year  
3 I was not qualified to vote (e.g. felony conviction, not yet 18 years old, not a citizen etc.)

IF nonvoters = 3 THEN

voter\_status := 5

END OF IF

END OF IF

IF voter\_status = 1 OR voter\_status = 2 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**conf\_precinct** (Confidence in accurate precinct vote count 2020 in section Election-Recap)  
What number would you choose to represent how confident you are that **your vote was accurately counted?**

Please select a number on the scale below from 0 to 100 where 0 means you have no confidence and 100 means you have complete confidence.  
RANGE 0..100

**slider\_script** (Section ElectionRecap)  
Please enter a number between 0 and 100.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**conf\_vote** (Confidence in accurate presidential vote count 2020 in section Election-Recap)  
What number would you choose to represent how confident you are that **all, or nearly all, of the votes in the presidential election were accurately counted?**

Please select a number on the scale below from 0 to 100 where 0 means you have no confidence and 100 means you have complete confidence.  
RANGE 0..100

**slider\_script** (Section ElectionRecap)  
Please enter a number between 0 and 100.

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**interfere\_US** (Likelihood that U.S. interference changed outcome in section Election-Recap)  
What number would you choose to represent how likely it is that election fraud or interference in the election by **individuals, groups or officials in the United States** changed the outcome of the U.S. presidential election? Please select a number on the scale below from 0 to 100 where 0 means you are certain the outcome was not changed and 100 means you are certain the outcome was changed.  
RANGE 0..100

**slider\_script** (Section ElectionRecap)  
Please enter a number between 0 and 100.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**interfere\_foreign** (Likelihood that foreign interference changed outcome in section

ElectionRecap)

What number would you choose to represent how likely it is that election fraud or interference in the election by **individuals, groups or officials in other countries** changed the outcome of the U.S. presidential election? Please select a number on the scale below from 0 to 100 where 0 means you are certain that the outcome was not changed and 100 means you are certain the outcome was changed.

RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**interfere\_usps** (Likelihood that changes to USPS changed outcome in section ElectionRecap)

What number would you choose to represent how likely it is that **changes to the U.S. postal service made in the months before the election** altered the outcome of the U.S. presidential election? Please select a number on the scale below from 0 to 100 where 0 means you are certain that the outcome was not changed and 100 means you are certain the outcome was changed

RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

END OF GROUP

calcage := calcAge(dateofbirth\_year, dateofbirth\_month, dateofbirth\_day)

IF calcage = EMPTY THEN

**calcage** (current age in section ElectionRecap)

What is your age?

RANGE 18..120

END OF IF

IF (calcage > 21) THEN

uas318\_en002:= getUAS318Preload("en002")

IF uas318\_en002 = RESPONSE THEN

en002 := uas318\_en002

ELSE

IF FLClintonTrump\_rand = EMPTY THEN

```

| FLClintonTrump_rand := mt_rand(1,2)
END OF IF

Fill code of question FLTrumpClinton executed

en002 (did you vote in 2016 in section ElectionRecap)
In 2016, the major candidates for president were Donald Trump for the Republicans
and Hilary Clinton for the Democrats. In that election, did you vote for a candidate for
president?
1 I cannot remember if I voted or not
2 I did not vote in the 2016 presidential election
3 I am certain that I voted in the 2016 presidential election
END OF IF

IF EN002 = 1 THEN
|
ELSEIF EN002 = 3 THEN
uas318_FLClintonTrump_rand := getUAS318Preload("FLClintonTrump_rand")
uas318_en003 := getUAS318Preload("EN003")

IF uas318_en003 = RESPONSE THEN
| FLClintonTrump_rand := uas318_FLClintonTrump_rand
| en003 := uas318_en003
ELSE
| IF FLClintonTrump_rand = EMPTY THEN
| | FLClintonTrump_rand := mt_rand(1,2)
| END OF IF

Fill code of question FLTrumpClinton executed

en003 (who did you vote for in 2016 in section ElectionRecap)
Who did you vote for in the presidential election?
1 (Hillary Clinton (Democrat))
2 (Donald Trump (Republican))
3 Gary Johnson (Libertarian)
4 Jill Stein (Green)
5 Someone else
6 Not sure / Cannot remember
7 Did not vote for any presidential candidate
END OF IF
END OF IF
END OF IF

```



IF therm\_order = EMPTY THEN

therm\_order := mt\_rand(1,2)

END OF IF

**intro\_therm** (Section ElectionRecap)

*Many people in this country feel very strongly about politics and political parties. We are interested in learning more about people's real feelings about political parties, and politicians.*

IF therm\_order = 1 THEN

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**therm\_dem** (How do you feel about Democratic party in section ElectionRecap)

What number would you choose to represent your feelings about members of the **Democratic** party? Please select a number on the scale below from 0 to 100, where 0 means you have the most negative feelings, and 100 means you have the most positive feelings.

RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**therm\_rep** (How do you feel about Republican party in section ElectionRecap)

What number would you choose to represent your feelings about members of the **Republican** party? Please select a number on the scale below from 0 to 100, where 0 means you have the most negative feelings, and 100 means you have the most positive feelings.

RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

END OF GROUP

ELSE

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**therm\_rep** (How do you feel about Republican party in section ElectionRecap)

What number would you choose to represent your feelings about members of the **Republican** party? Please select a number on the scale below from 0 to 100, where 0 means you have the most negative feelings, and 100 means you have the most positive feelings.

RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

END OF GROUP

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**therm\_dem** (How do you feel about Democratic party in section ElectionRecap)

What number would you choose to represent your feelings about members of the **Democratic** party? Please select a number on the scale below from 0 to 100, where 0 means you have the most negative feelings, and 100 means you have the most positive feelings.

RANGE 0..100

**slider\_script** (Section ElectionRecap)

Please enter a number between 0 and 100.

END OF GROUP

END OF IF

Fill code of question FLOwn executed

Fill code of question FLOppose executed

Fill code of question FLOwns executed

Fill code of question FLOpposes executed

Fill code of question FLOwnsNormal executed

Fill code of question FLOpposesNormal executed

**ps001** (politician died of cancer in section Partisan)

If you heard a politician **had died of cancer**, would your feelings about that depend on whether they were a Republican or a Democrat?

1 I would feel worse if they were a Republican

2 I would feel worse if they were a Democrat

3 I would feel the same way about it regardless of which party they were in

**ps002** (politician murdered in section Partisan)

If you heard a politician **had been murdered**, would your feelings about that depend on whether they were a Republican or a Democrat?

1 I would feel worse if they were a Republican

2 I would feel worse if they were a Democrat

3 I would feel the same way about it regardless of which party they were in

**ps003** (wished someone would physically injure politicians in section Partisan)

Have you ever wished that someone would physically injure one or more politicians?

- 1 Yes, one or more Republican politicians
- 2 Yes, one or more Democratic politicians
- 3 No

**IF party\_affil IN (1,2) OR lean\_affil IN (1,2) THEN**

**ps004** (party traitors get sick or die in section Partisan)

When a (Democratic/Republican) politician votes against the party on a key issue, have you ever wished they would get sick and die?

- 1 Yes
- 2 No

**ps005** (bad things for party traitors or other party in section Partisan)

Who would you rather see bad things happen to:

- 1 (Democratic/Republican) politicians
- 2 (Democratic/Republican) politicians who vote against the party on a key issue
- 3 Neither

**ps006** (better off if people in the opposing party just died in section Partisan)

Do you ever think: we'd be better off as a country if large numbers of (Democrats/Republicans) in the public today just died?

- 1 Strongly disagree
- 2 Somewhat disagree
- 3 Neither agree nor disagree
- 4 Somewhat agree
- 5 Strongly agree

**pv001** (when ok to send threatening messages in section Partisan)

When, if ever, is it ok for (Democrats/Republicans) to send threatening and intimidating messages to (Democratic/Republican) leaders?

- 1 Always
- 2 Sometimes
- 3 Rarely
- 4 Never

**pv002** (when ok to harass on the internet in section Partisan)

When, if ever, is it ok for an ordinary (Democrat/Republican) in the public to harass an ordinary (Democrat/Republican) on the Internet, in a way that makes the target feel unsafe?

- 1 Always
- 2 Sometimes
- 3 Rarely
- 4 Never

**pv003** (how much justified own party to use violence in section Partisan)

How much do you feel it is justified for (Democrats/Republicans) to use violence in

advancing their political goals these days?

1 Not at all

2 Little

3 Somewhat

4 Much

5 A great deal

END OF IF

End of section **ElectionRecap**

Start of section **BRET**

/\* Respondents are asked to play a game in which the amount they can win is randomized per variable br\_randomizer with values:

o 1 \$0.25 per box

o 2 \$1.00 per box

\*/

IF br\_randomizer = EMPTY THEN

| br\_randomizer := mt.rand(1,2)

END OF IF

IF br\_randomizer = 1 THEN

| br\_amount := 0.25

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**br\_intro1** (Section BRET)

You are playing the game below. Four respondents will be selected to receive real money based on the outcome of this game. When the survey closes, on January 15th, 2021, you will learn if you are one of the people chosen to be paid and, if so, will receive an extra payment based on your performance in this game.

Here is a square grid with 100 boxes. Each box contains a quarter of a dollar, except one box which is empty. The empty box is randomly chosen by the computer. This means that each box in the grid has the same chance of 1 in 100 to be empty. Your task is to choose how many boxes to open, starting from the top-left corner. You earn \$(random amount()) for each box you open, but you earn 0 if the empty box is among those you choose. For example: Number of boxes opened = 23  
Number of boxes remaining = 77  
Potential earnings = \$5.75

In this case, you choose 23 boxes, from 1 to 23. If the empty box is not among boxes 1-23, you earn  $\$5.75 = 23 \times \$(\text{random amount}())$ . If the empty box is among boxes 1-23, you earn 0.

**br.style** (Section BRET)

END OF GROUP

ELSE

br.amount := 1.00

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**br.intro2** (Section BRET)

You are playing the game below. Four respondents will be selected to receive real money based on the outcome of this game. When the survey closes, on January 15th, 2021, you will learn if you are one of the people chosen to be paid and, if so, will receive an extra payment based on your performance in this game.

Here is a square grid with 100 boxes. Each box contains a dollar, except one box which is empty. The empty box is randomly chosen by the computer. This means that each box in the grid has the same chance of 1 in 100 to be empty. Your task is to choose how many boxes to open, starting from the top-left corner. You earn  $\$(\text{random amount}())$  for each box you open, but you earn 0 if the empty box is among those you choose. For example: Number of boxes to open = 23

Number of boxes remaining = 77

Potential earnings = \$23.00

In this case, you choose 23 boxes, from 1 to 23. If the empty box is not among boxes 1-23, you earn  $\$23.00 = 23 \times \$(\text{random amount}())$ . If the empty box is among boxes 1-23, you earn 0.

**br.style** (Section BRET)

END OF GROUP

END OF IF

GROUP OF QUESTIONS PRESENTED ON THE SAME SCREEN

**br001** (number of boxes chosen in section BRET)

Please choose how many boxes you want to open by typing the number in the box below:

NUMBER (NO DECIMALS ALLOWED)

**br001\_table** (number of boxes chosen in section BRET)

Number of boxes opened = 0

Number of boxes remaining = 100

Potential earnings = \$0.00

**br\_style** (Section BRET)

**bret\_script** (Section BRET)

Please enter a number between 0 and 100.

END OF GROUP

*/\* It is randomly determined whether a respondent won the game by generating a random number between 0 and 100 as captured in variable br\_random\_number, and compare it to the number of boxes the respondent elected to open per variable br001. \*/*

**IF br\_random\_number = EMPTY THEN**

br\_random\_number := mt\_rand(0,100)

**END OF IF**

**IF br\_random\_number <= br001**

br\_total := '0'

br\_total\_dummy := '0'

**br\_lost** (Section BRET)

The empty box is among the boxes you chose.

If you are among the four respondents selected to receive real money, you will receive \$0.

**ELSE**

br\_total := br\_amount \* br001

br\_total\_dummy := number\_format(br\_total, 2)

**br\_won** (Section BRET)

Good job! The empty box is not among the boxes you chose.

If you are among the four respondents selected to receive real money, you will receive \$(total amount won()).

**END OF IF**

End of section **BRET**

**ELSEIF module\_order = 2 THEN**

*/\* In this variant the section about machine learning is asked first.\*/*

```

ELSEIF module_order = 3 THEN
/* In this variant the section about hands is asked first.*/

ELSEIF module_order = 4 THEN
/* In this variant the section about president's approval is asked first.*/

ELSEIF module_order = 5 THEN
/* In this variant the section about the police is asked first.*/

ELSEIF module_order = 6 THEN
/* In this variant the section about social questions is asked first.*/

ELSEIF module_order = 7 THEN
/* In this variant the section about qualitative covid questions is asked first.*/

ELSEIF module_order = 8 THEN
/* In this variant the section about election questions is asked first.*/

ELSEIF module_order = 9 THEN
/* In this variant the section with the BRET Game is asked first.*/

END OF IF

```

section\_cnt := 13

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 survey?

- 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 survey? Please type these in the box below.(If you have no comments, please click next to complete this survey.)

STRING

**CS\_thanks** (thanks in section Closing)

That's the end of our survey. Thank you for the great year. Here's to more surveys in 2021!

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. \*/