# AUTHOR NOTE: Below is (1) a description of the corrections and cleaning that was done to the *Round 9* data (reflected in the “cleaned\_deid” versions of the data), (2) Variable Descriptions for each variable in the *Round 9* data, and (3) a description of and explanation of the calculations done for each of the Calculated Variables from *Round 9*.

# If you note any errors or any combination of information that could jeopardize confidentiality of participants, please let us know prior to release for open access.

# Data for participants should be able to be matched across surveys based on the Subject ID (sub\_id).

* The code has also been shared on OSF
* Almost all of our data cleaning was just to get it in analyzable shape, and to exclude or correct obvious errors (e.g., misspelled country names) and impossible values. Beyond clearly impossible values (e.g., a participant who says they average 40 hours of sleep per night), we have not removed outliers or other suspect values, because we want to leave decisions on how to deal with these to each researcher.
* We encourage pre-registration of analyses. Here are a few previously done by the authors:
  + <https://osf.io/tb4qv>
  + <https://osf.io/kg6bu>
  + <https://osf.io/7zg5v>
  + <https://osf.io/zn4bx>

# Round 9

## Corrections and cleaning

1. The primary purpose of the Round 9 data collection was to collect some additional questions about participant abilities to estimate certain statistics and to collect one final response to COVID Impact and Vaccination Status questions. In particular, these questions asked participants if they had received a **vaccination booster** (this inquiry was **not included in the Round 8 survey**).
   1. These questions were added onto the final distribution of the Full Version of the daily survey. The responses to those questions were included in the daily survey dataset.
2. Standardize formatting and spelling of country names and state/provinces
3. Standard formatting and spelling of COVID-19 vaccine names
4. Replace impossible dates (e.g., 1-1-421) with missing value.
5. Replace vaccination dates after March 2022 with missing value (this data was collected in November 2021, so these dates were considered errors).
6. Replace vaccination booster dates before 2021 with missing value.
7. All free response questions were removed from the analysis as we did not have time to check them for potentially identifiable information

# Round 9 Variable Descriptions

\*Note: Variables in RED TEXT are not included in the de-identified versions of the data. To get access to this data, you must contact Tony Cunningham ([acunnin4@bidmc.harvard.edu](mailto:acunnin4@bidmc.harvard.edu)) and be brought onto the IRB (which is definitely doable)

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable\_Name** | **MEASURE** | **QUESTION\_CONTENT** | **MULTIPLE\_CHOICE\_RESPONSES\_if\_any** |
| record\_id |  | This is just the number of times the survey has been taken (generated by Redcap) |  |
| nov15\_timestamp |  | Timestamp autogenerated by REDCAP |  |
| sub\_id |  | This is the **SUBJECT ID**. This is what is used to identify each individual subject. To enhance confidentiality, we have replaced their given IDs with numbers. |  |
| todays\_date |  | This is the date and time the participants started the Round 8 survey. Participants are instructed to click a button as they start the survey to enter the date and time. It should be in the time zone of the participant. |  |
| est\_us | Estimation Questions | Have you been residing in the US for a majority of the last year? | 1 = YES, 0 = NO |
| est\_uscancer | Estimation Questions | Approximately how many individuals on average are diagnosed with breast cancer in the US annually? |  |
| est\_voted | Estimation Questions | Approximately how many people voted in the 2020 US election? |  |
| est\_uscovid | Estimation Questions | Approximately how many total COVID-19 cases were confirmed in the US by the end of October 2021? |  |
| est\_statecovid | Estimation Questions | Approximately how many total COVID-19 cases were confirmed in your STATE by the end of October 2021? |  |
| est\_state | Estimation Questions | State |  |
| est\_nonuscancer | Estimation Questions | Approximately how many individuals on average are diagnosed with breast cancer in your country annually? |  |
| est\_nonuscovid | Estimation Questions | Approximately how many total COVID-19 cases were confirmed in your country by the end of October 2021? |  |
| covid\_test | COVID\_Impact\_Update | Have you received a positive test for COVID19? | 1 = YES, 0 = NO |
| covid\_doctor | COVID\_Impact\_Update | Have you been diagnosed with COVID19 by a doctor without a formal test? | 1 = YES, 0 = NO |
| covid\_belief | COVID\_Impact\_Update | Do you believe you have contracted COVID19 at any point, even without a test or formal diagnosis by a doctor? | 1 = YES, 0 = NO |
| severity\_cov | COVID\_Impact\_Update | How would you rate the severity of the symptoms you experienced/are experiencing? | 1, Mild | 2, Moderate | 3, Severe, but recovered at home | 4, Severe and hospitalized | 5, Hospitalized and needed a ventilator or other lifesaving treatment |
| date\_cov | COVID\_Impact\_Update | Approximate date you contracted COVID19   (Format: Day/Month/Year) |  |
| add\_dets\_cov | COVID\_Impact\_Update | Free response to “Additional details of COVID19 diagnosis (including additional dates if contracted more than once)” |  |
| cov\_long\_haul | COVID\_Impact\_Update | Have you had long-lasting physical impacts due to your COVID19 diagnosis? | 1 = YES, 0 = NO |
| covid\_roommate | COVID\_Impact\_Update | Has anyone you have lived with contracted COVID19? | 1 = YES, 0 = NO |
| covid\_roommate\_2 | COVID\_Impact\_Update | Was this confirmed by a test or medical diagnosis? | 1 = YES, 0 = NO |
| covid\_loved | COVID\_Impact\_Update | Has a loved one (family or friend) contracted COVID19? | 1 = YES, 0 = NO |
| covid\_loved\_2 | COVID\_Impact\_Update | Was this confirmed by a test or medical diagnosis? | 1 = YES, 0 = NO |
| perished | COVID\_Impact\_Update | Has a loved one perished due to COVID19? | 1 = YES, 0 = NO |
| perished\_2 | COVID\_Impact\_Update | Has anyone you know personally perished due to COVID19? | 1 = YES, 0 = NO |
| experience | COVID\_Impact\_Update | My experience during the COVID19 pandemic has been... | 1, 1 = Entirely Negative | 2, 2 | 3, 3 | 4, 4 = Net Neutral | 5, 5 | 6, 6 | 7, 7 = Entirely Positive |
| vaccination | Vaccination\_Information\_Update | Have you received any doses of COVID-19 vaccine? | 1 = YES, 0 = NO |
| vacc\_date | Vaccination\_Information\_Update | What was the date of your first vaccine dose? |  |
| vacc\_type | Vaccination\_Information\_Update | Which vaccine did you receive? |  |
| vacc\_doses | Vaccination\_Information\_Update | How many doses of vaccine have you received to date? | 0, 0 | 1, 1 | 2, 2 | 3, 3 |
| vacc\_side\_effects | Vaccination\_Information\_Update | Did you have any side effects to any doses of your original vaccination (not including any booster shots)? | 0, No | 1, Yes, mild side effects | 2, Yes, moderate side effects | 3, Yes, severe side effects |
| vacc\_boost | Vaccination\_Information\_Update | Have you received a booster dose of the COVID-19 vaccination? | 1 = YES, 0 = NO |
| vacc\_date\_boost | Vaccination\_Information\_Update | What was the date of your booster dose? |  |
| vacc\_type\_boost | Vaccination\_Information\_Update | Which vaccine did you receive for your booster? |  |
| vacc\_side\_effects\_boost | Vaccination\_Information\_Update | Did you have any side effects to your booster dose of the COVID-19 vaccination? | 0, No | 1, Yes, mild side effects | 2, Yes, moderate side effects | 3, Yes, severe side effects |
| vacc\_plan\_boost | Vaccination\_Information\_Update | Do you plan to receive a COVID-19 booster dose when the opportunity arrives? | 0 = YES, 0 = NO |
| vacc\_plan | Vaccination\_Information\_Update | Do you plan to receive a COVID-19 vaccination when the opportunity arrives? | 1 = YES, 0 = NO |
| full\_open | FINAL QUESTION | Free response to “OPTIONAL: This is the FINAL planned assessment question for the study! Please let us know anything else you feel like sharing. Responses can include additional details regarding your experiences during COVID-19 or with your experience as being a participant in this study.” |  |
| nov15\_complete |  | This is autogenerated from REDCAP ; 2 = COMPLETE, 0 = NOT COMPLETE |  |

# Round 9 Calculated Variables

None.