



Boston College daily sleep and well-being survey data during early phase of the COVID-19 pandemic

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AUTHOR NOTE: Below is (1) a description of the corrections and cleaning that was done to the **Round 6** data (reflected in the “cleaned_deid” versions of the data), (2) Variable Descriptions for each variable in the **Round 6** data, and (3) a description of and explanation of the calculations done for each of the Calculated Variables from **Round 6**.

- If you note any errors or any combination of information that could jeopardize confidentiality of participants, please contact the primary investigators.
- 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 6

Corrections and cleaning

1. Standardized formatting and spelling of COVID-19 vaccines

Round 6 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) and be brought onto the IRB (which is definitely doable)

Variable_Name	QUESTION_CONTENT	MULTIPLE_CHOICE_RESPONSES_if_any
record_id	This is just the number of times the survey has been taken (generated by Redcap)	
april_18_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 5 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.	
LIEBOWITZ SOCIAL ANXIETY SCALE (April 2021)		
telephoneapril_fear	Telephoning in Public Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
telephoneapril_avoid	Telephoning in Public Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
smallgroupsapril_fear	Participating in small groups Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
smallgroupsapril_avoid	Participating in small groups Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
eatingapril_fear	Eating in public places Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
eatingapril_avoid	Eating in public places Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
drinkingapril_fear	Drinking with others in public places Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
drinkingapril_avoid	Drinking with others in public places Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)

authorityapril_fear	Talking to people in authority Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
authorityapril_avoid	Talking to people in authority Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
actingapril_fear	Acting, performing, or giving a talk in front of an audience Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
actingapril_avoid	Acting, performing, or giving a talk in front of an audience Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
partyapril_fear	Going to a party Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
partyapril_avoid	Going to a party Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
workingapril_fear	Working while being observed Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
workingapril_avoid	Working while being observed Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
writingapril_fear	Writing while being observed Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
writingapril_avoid	Writing while being observed Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
callingapril_fear	Calling someone you don't know very well Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
callingapril_avoid	Calling someone you don't know very well Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
talkingapril_fear	Talking with people you don't know very well Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
talkingapril_avoid	Talking with people you don't know very well Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
strangersapril_fear	Meeting strangers Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
strangersapril_avoid	Meeting strangers Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
urinatingapril_fear	Urinating in a public bathroom Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe

urinatingapril_avoid	Urinating in a public bathroom Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
seatedapril_fear	Entering a room when others are already seated Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
seatedapril_avoid	Entering a room when others are already seated Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
attentionapril_fear	Being the center of attention Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
attentionapril_avoid	Being the center of attention Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
meetingapril_fear	Speaking up at a meeting Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
meetingapril_avoid	Speaking up at a meeting Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
testapril_fear	Taking a test Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
testapril_avoid	Taking a test Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
disagreementapril_fear	Expressing a disagreement or disapproval to people you don't know very well Generally April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
disagreementapril_avoid	Expressing a disagreement or disapproval to people you don't know very well Generally April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
lookingapril_fear	Looking at people you don't know very well in the eyes Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
lookingapril_avoid	Looking at people you don't know very well in the eyes Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
reportapril_fear	Giving a report to a group Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
reportapril_avoid	Giving a report to a group Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
pickupapril_fear	Trying to pick up someone Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
pickupapril_avoid	Trying to pick up someone Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)

returningapril_fear	Returning goods to a store Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
returningapril_avoid	Returning goods to a store Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
gpartyapril_fear	Giving a party Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
gpartyapril_avoid	Giving a party Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
salespersonapril_fear	Resisting a high pressure salesperson Generally (April 2021) Fear	0, None 1, Mild 2, Moderate 3, Severe
salespersonapril_avoid	Resisting a high pressure salesperson Generally (April 2021) Avoidance	0, Never (0%) 1, Occasionally (1-33%) 2, Often (34-66%) 3, Usually (67-100%)
VACCINATION UPDATE (April 2021)		
vaccination	Have you received any doses of COVID-19 vaccine?	1 = YES, 0 = NO
vacc_date	What was the date of your first vaccine dose?	
vacc_type	Which vaccine did you receive?	
vacc_doses	How many doses of vaccine have you received to date?	0, 0 1, 1 2, 2
vacc_side_effects	Did you have any side effects to any doses of vaccination?	0, No 1, Yes, mild side effects 2, Yes, moderate side effects 3, Yes, severe side effects
vacc_safety	<p>The vaccine for the new coronavirus (COVID19) is effective in preventing the virus for those individuals who receive the vaccine. However, it is currently unclear whether the COVID19 vaccine prevents vaccinated individuals from spreading the virus to others.</p> <p>Since being vaccinated, have you continued to take safety precautions regarding COVID19?</p>	1 = YES, 0 = NO
vacc_plan	Do you plan to receive a COVID-19 vaccination when the opportunity arrives?	1 = YES, 0 = NO

novacc_safety	<p>The vaccine for the new coronavirus (COVID19) is effective in preventing the virus for those individuals who receive the vaccine. However, it is currently unclear whether the COVID19 vaccine prevents vaccinated individuals from spreading the virus to others.</p> <p>If you receive the vaccine (even if you are not currently planning to), will you continue to take safety precautions regarding COVID19?</p>	1 = YES, 0 = NO
COVID IMPACT UPDATE (April 2021)		
covid_test	Have you received a positive test for COVID19?	1 = YES, 0 = NO
covid_doctor	Have you been diagnosed with COVID19 by a doctor without a formal test?	1 = YES, 0 = NO
covid_belief	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	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	Approximate date you contracted COVID19 (Format: Day/Month/Year)	
add_dets_cov	Free response to "Additional details of COVID19 diagnosis (including additional dates if contracted more than once)"	
cov_long_haul	Have you had long-lasting physical impacts due to your COVID19 diagnosis?	1 = YES, 0 = NO
covid_roommate	Has anyone you have lived with contracted COVID19?	1 = YES, 0 = NO
covid_roommate_2	Was this confirmed by a test or medical diagnosis?	1 = YES, 0 = NO
covid_loved	Has a loved one (family or friend) contracted COVID19?	1 = YES, 0 = NO
covid_loved_2	Was this confirmed by a test or medical diagnosis?	1 = YES, 0 = NO

perished	Has a loved one perished due to COVID19?	1 = YES, 0 = NO
perished_2	Has anyone you know personally perished due to COVID19?	1 = YES, 0 = NO
april_18_complete	This is autogenerated from REDCAP	2 = completed, 0 = partially completed

Round 6 Calculated Variables

Calculated_Variables	Variable_Description	Calculation
LSAS_Fear	LSAS Fear Subscale (April 2021)	Sum of telephone_fear + smallgroups_fear + eating_fear + drinking_fear + authority_fear + acting_fear + party_fear + working_fear + writing_fear + calling_fear + talking_fear + strangers_fear + urinating_fear + seated_fear + attention_fear + meeting_fear + test_fear + disagreement_fear + looking_fear + report_fear + pickup_fear + returning_fear + gparty_fear + salesperson_fear
LSAS_Anxiety	LSAS Anxiety Subscale (April 2021)	Sum of telephone_avoid + smallgroups_avoid + eating_avoid + drinking_avoid + authority_avoid + acting_avoid + party_avoid + working_avoid + writing_avoid + calling_avoid + talking_avoid + strangers_avoid + urinating_avoid + seated_avoid + attention_avoid + meeting_avoid + test_avoid + disagreement_avoid + looking_avoid + report_avoid + pickup_avoid + returning_avoid + gparty_avoid + salesperson_avoid

LSAS_TOTAL

LSAS Total Score (April 2021)

Sum of telephone_fear + telephone_avoid + smallgroups_fear + smallgroups_avoid + eating_fear + eating_avoid + drinking_fear + drinking_avoid + authority_fear + authority_avoid + acting_fear + acting_avoid + party_fear + party_avoid + working_fear + working_avoid + writing_fear + writing_avoid + calling_fear + calling_avoid + talking_fear + talking_avoid + strangers_fear + strangers_avoid + urinating_fear + urinating_avoid + seated_fear + seated_avoid + attention_fear + attention_avoid + meeting_fear + meeting_avoid + test_fear + test_avoid + disagreement_fear + disagreement_avoid + looking_fear + looking_avoid + report_fear + report_avoid + pickup_fear + pickup_avoid + returning_fear + returning_avoid + gparty_fear + gparty_avoid + salesperson_fear + salesperson_avoid