Pittsburgh Cold Study 2

1997-2001

Sheldon Cohen, PhD
Carnegie Mellon University

Code Book

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Introduction

Pittsburgh Cold Study 2 (PCS2) was a prospective viral challenge study conducted from 1997-2001 among healthy volunteers ages 18-54 (mean 28.9; SD 10.4). This study focused on the role of childhood socioeconomic status (SES) and personality (Big 5) in common cold susceptibility. Measures of childhood SES included retrospective reports of parental education and parental home ownership during participants' childhood and adolescence. PCS2 also included objective measures of current adult SES and of participants' subjective perceptions of their SES relative to others in their community and in the United States more generally (MacArthur Ladder). Other psychosocial assessments included self-report questionnaire measures of psychological well-being, social integration, social support, reactive responding, and trait affect, as well as the Life Events and Difficulties Schedule (LEDS)—an intensive interview measure of life stress. In addition to these retrospective measures, PCS2 also included interview assessments of daily social interactions (number of interactions, time spent interacting, individual(s) involved, supportiveness, conflict) and mood for 3 nights a week over a period of two weeks. Health practices were assessed, as were epinephrine, norepinephrine, and cortisol. In addition to standard virology, local (nasal secretions) cytokines—including interleukin (IL)-1, IL-6, and IL-8, were assessed on each day in quarantine following challenge with the study virus.

Participants were 159 men and 175 women from the Pittsburgh, Pennsylvania metropolitan area who responded to newspaper advertisements and were judged to be in good health after a medical examination. At baseline, participants completed a telephone screening followed by an in-person health evaluation by study physicians to assess study eligibility. After completing baseline psychosocial questionnaires and biological assessments, participants were administered nasal drops containing either rhinovirus 39 (RV39; n=228) or RV23 (n=106). They were then followed in quarantine for 5 days and monitored for development of infection and objective signs of illness (see viral challenge timeline below). Approximately 28 days after virus exposure, blood was collected for serological testing. Volunteers were considered to have a cold if they both were infected with the challenge virus and met illness criteria. All individuals who completed the study received $800 for their participation.

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How to Use this Document

The present document is divided into eight sections, with each representing a category of variable. These are the same measurement categories that appear on the Common Cold Project (CCP) website (www.cmu.edu/common-cold-project). To find descriptive information for a given set of variables, move your cursor over the page number corresponding to the variable category of interest, and click when the pointer appears. Doing so will bring you to a table that includes the following information for all variables comprising that category:

- Variable name (or Var Name)
- Variable label
- Value labels (or Values)
- Formula

Identical information is included in the SPSS data files, when opened to variable view.

With limited exception, most variables are numeric. String variables can be identified by the suffix "_str" which appears at the end of the variable name. All missing data are represented by empty cells.

Value labels are provided for categorical and dichotomous variables. Variables with labeled values are indicated by blue shading of the cells in the Value Labels column, with the values themselves appearing in a separate table. The table can be accessed by clicking on the value label code corresponding to the variable of interest.

Formulas are provided for created variables. All variables were created in SPSS, thus any function terms appearing in the formula are consistent with SPSS analysis language. Most functions are self-explanatory, but the following information may be helpful for individuals who are unfamiliar with SPSS.

Function Term	Explanation
mean.x	Used when an average of several variables is being computed, but only X (where X is less than the total number of variables included in the computation) need be non-missing.
sum.x	Same as above, but with component variables being summed rather than averaged.
count	Used to count the number of time a specified value appears within a set of variables. The value to be counted is identified in parenthesis at the end of the list of variables. The value can be eigher a single number (1) or a range (1 thru highest).
lt, le, gt, ge	Less than; less than or equal to; greater than; greater than or equal to
datediff	Used to compute the temporal difference between two date or time variables. Arguments are listed in parenthesis, with the earlier of the two times appearing first; desired time increment (hours, months, days, etc.) is listed after the arguments.

If a formula for a given variable includes reference to another variable from another category, a link is provided, which can be accessed by clicking on the indicated variable.

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
subj_id	subject ID		
study.id	Cold Study ID	STUDYID	
INFCOLD	***ASSESSMENT OF INFECTION & COLDS***		
pcs2.virus	challenge virus	VIRUS2	
pre_ab	pre-challenge serum viral-specific Ab titer	Ab	
post_ab	Post serum viral-specific Ab titer	Ab	
seroconv	Seroconversion based on pre_ab -> post_ab	SERO	if post_ab ge 4*(pre_ab) then seroconv = 1; if post_ab lt 4*(pre_ab) then seroconv = 0
q0.nasclr	Pre-challenge (Day 0) nasal clearance time (min)		
q1.nasclr	Post Day 1 nasal clearance time (min)		
q2.nasclr	Post Day 2 nasal clearance time (min)		
q3.nasclr	Post Day 3 nasal clearance time (min)		
q4.nasclr	Post Day 4 nasal clearance time (min)		
q5.nasclr	Post Day 5 nasal clearance time (min)		
q0.mucwt	Pre-challenge (Day 0) mucus weight (g)		
q1.mucwt	Post Day 1 mucus weight (g)		
q2.mucwt	Post Day 2 mucus weight (g)		
q3.mucwt	Post Day 3 mucus weight (g)		
q4.mucwt	Post Day 4 mucus weight (g)		
q5.mucwt	Post Day 5 mucus weight (g)		
q1.mcwt_adj	Post Day 1 mucus weight (g) - adjusted		q1.mcwt_adj = q1.mcwt - q0.mcwt (repeated for all 5 post-challenge values) NOTE: if q1.mcwt - q0.mcwt lt 0, q1.mcwt_adj = 0.
q2.mcwt_adj	Post Day 2 mucus weight (g) - adjusted		
q3.mcwt_adj	Post Day 3 mucus weight (g) - adjusted		
q4.mcwt_adj	Post Day 4 mucus weight (g) - adjusted		
q5.mcwt_adj	Post Day 5 mucus weight (g) - adjusted		
post.mucwt_tot	Total Adjusted Post Mucus Weight (g)		post.mucwt_tot = sum(q1.mcwt_adj to q5mcwt_adj)
q1.nasclr_adj	Post Day 1 nasal clearance (min) - adjusted		q1.nasclr_adj = q1.nasclr - q0.nasclr (repeated for all 5 post-challenge values) NOTE: if q1.naslcr - q0.nasclr lt 0, q1.nasclr_adj = 0.
q2.nasclr_adj	Post Day 2 nasal clearance (min) - adjusted		
q3.nasclr_adj	Post Day 3 nasal clearance (min) - adjusted		
q4.nasclr_adj	Post Day 4 nasal clearance (min) - adjusted		
q5.nasclr_adj	Post Day 5 nasal clearance (min) - adjusted		
post.nasclr_avg	Avg Adjusted Post Nasal Clearance Time (min)		post.nasclr_avg = mean(q1.nasclr_adj to q5nasclr_adj)

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
post.infected	Meets criteria for infection?	YES/NO	if (seroconv = 1 or post.shedany = 1) post.infected = 1; if (seroconv = 0 and post.shedany = 0) post.infected = 0.
post.objcold	Meets objective criteria for cold?	YES/NO	if (post.infected = 1) and (post.mucwt_adj ≥10 or post.nasclr_adj ≥7) post.objcold = 1; if (post.infected = 0) or (post.mucwt_adj <10 and post.nasclr_adj <7) post.objcold = 0.
q0.shed	Pre-challenge (Day 0) virus shedding	YES/NO	
q1.shed	Post Day 1 virus shedding		
q2.shed	Post Day 2 virus shedding		
q3.shed	Post Day 3 virus shedding		
q4.shed	Post Day 4 virus shedding		
q5.shed	Post Day 5 virus shedding		
post.sheddays	Total Post days shed virus		post.sheddays = sum.5(q1.shed, q2.shed, q3.shed, q4.shed, q5.shed).
post.shedany	Any Post virus shedding?	YES/NO	if sum(q1.shed to q5.shed) ≥1, post.shedany=1; if sum(q1.shed to q5.shed)=0, post.shedany=0
symp	*****SELF-REPORTED COLD SYMPS*****		
q_1.nascon	Pre-challenge (Day -1) nasal congest	SYMPSEV	
q0.nascon	Pre-challenge (Day 0) nasal congest		
q01.nascon	Pre-challenge nasal congest (Avg Day -1, Day 0)		q01.nascon = mean(q_1.nascon, q0.nascon)
q1.nascon	Post Day 1 nasal congest		
q2.nascon	Post Day 2 nasal congest		
q3.nascon	Post Day 3 nasal congest		
q4.nascon	Post Day 4 nasal congest		
q5.nascon	Post Day 5 nasal congest		
q_1.sneez	Pre-challenge (Day -1) sneezing	SYMPSEV	
q0.sneez	Pre-challenge (Day 0) sneezing		
q01.sneez	Pre-challenge sneezing (Avg Day -1, Day 0)		q01.sneez = mean(q_1.sneez, q0.sneez)
q1.sneez	Post Day 1 sneezing		
q2.sneez	Post Day 2 sneezing		
q3.sneez	Post Day 3 sneezing		
q4.sneez	Post Day 4 sneezing		
q5.sneez	Post Day 5 sneezing		
q_1.runno	Pre-challenge (Day -1) runny nose	SYMPSEV	

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.runno	Pre-challenge (Day 0) runny nose		
q01.runno	Pre-challenge runny nose (Avg Day -1, Day 0)		q01.runno = mean(q_1.runno, q0.runno)
q1.runno	Post Day 1 runny nose		
q2.runno	Post Day 2 runny nose		
q3.runno	Post Day 3 runny nose		
q4.runno	Post Day 4 runny nose		
q5.runno	Post Day 5 runny nose		
q_1.srthr	Pre-challenge (Day -1) sore throat	SYMPSEV	
q0.srthr	Pre-challenge (Day 0) sore throat		
q01.srthr	Pre-challenge sore throat (Avg Day -1, Day 0)		q01.srthr = mean(q_1.srthr, q0.srthr)
q1.srthr	Post Day 1 sore throat		
q2.srthr	Post Day 2 sore throat		
q3.srthr	Post Day 3 sore throat		
q4.srthr	Post Day 4 sore throat		
q5.srthr	Post Day 5 sore throat		
q_1.cough	Pre-challenge (Day -1) cough	SYMPSEV	
q0.cough	Pre-challenge (Day 0) cough		
q0.cough	Pre-challenge cough (Avg Day -1, Day 0)		q01.cough = mean(q_1.cough, q0.cough)
q1.cough	Post Day 1 cough		
q2.cough	Post Day 2 cough		
q3.cough	Post Day 3 cough		
q4.cough	Post Day 4 cough		
q5.cough	Post Day 5 cough		
q_1.hdach	Pre-challenge (Day -1) headache	SYMPSEV	
q0.hdach	Pre-challenge (Day 0) headache		
q01.hdach	Pre-challenge headache (Avg Day -1, Day 0)		q01.hdach= mean(q_1.hdach, q0.hdach)
q1.hdach	Post Day 1 headache		
q2.hdach	Post Day 2 headache		
q3.hdach	Post Day 3 headache		
q4.hdach	Post Day 4 headache		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q5.hdach	Post Day 5 headache		
q_1.chill	Pre-challenge (Day -1) chills	SYMPSEV	
q0.chill	Pre-challenge (Day 0) chills		
q01.chill	Pre-challenge chills (Avg Day -1, Day 0)		q01.chill = mean(q_1.chill, q0.chill)
q1.chill	Post Day 1 chills		
q2.chill	Post Day 2 chills		
q3.chill	Post Day 3 chills		
q4.chill	Post Day 4 chills		
q5.chill	Post Day 5 chills		
q_1.malais	Pre-challenge (Day -1) malaise	SYMPSEV	
q0.malais	Pre-challenge (Day 0) malaise		
q01.malais	Pre-challenge malaise (Avg Day -1, Day 0)		q01.malais = mean(q_1.malais, q0.malais)
q1.malais	Post Day 1 malaise		
q2.malais	Post Day 2 malaise		
q3.malais	Post Day 3 malaise		
q4.malais	Post Day 4 malaise		
q5.malais	Post Day 5 malaise		
q_1.cold	Pre-challenge (Day -1) Have a cold or flu?	YES/NO	
q0.cold	Pre-challenge (Day 0) Have a cold or flu?		
q1.cold	Post Day 1 Have a cold or flu?		
q2.cold	Post Day 2 Have a cold or flu?		
q3.cold	Post Day 3 Have a cold or flu?		
q4.cold	Post Day 4 Have a cold or flu?		
q5.cold	Post Day 5 Have a cold or flu?		
generalillness	*****GENERAL ILLNESS SYMPS*****		
q_1.dizzy	Pre-challenge (Day -1) dizziness	SYMPSEV	
q0.dizzy	Pre-challenge (Day 0) dizziness		
q01.dizzy	Pre-challenge dizziness (avg. Day -1, Day 0)		q01.dizzy = mean(q_1.dizzy, q0.dizzy)
q1.dizzy	Post Day 1 dizziness		
q2.dizzy	Post Day 2 dizziness		
q3.dizzy	Post Day 3 dizziness		
q4.dizzy	Post Day 4 dizziness		
q5.dizzy	Post Day 5 dizziness		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q_1.bckach	Pre-challenge (Day -1) backache	SYMPSEV	
q0.bkach	Pre-challenge (Day 0) backache		
q0.bkach	Pre-challenge backache (avg. Day -1, Day 0)		q01.bkach = mean(q_1.bkach, q0.bkach)
q1.bkach	Post-challenge Day 1 backache		
q2.bkach	Post-challenge Day 2 backache		
q3.bkach	Post-challenge Day 3 backache		
q4.bkach	Post-challenge Day 4 backache		
q5.bkach	Post-challenge Day 5 backache		
q_1.faint	Pre-challenge (Day -1) faintness	SYMPSEV	
q0.faint	Pre-challenge (Day 0) faintness		
q01.faint	Pre-challenge faintness (avg. Day -1, Day 0)		q01.faint = mean(q_1.faint, q0.faint)
q1.faint	Post-challenge Day 1 faintness		
q2.faint	Post-challenge Day 2 faintness		
q3.faint	Post-challenge Day 3 faintness		
q4.faint	Post-challenge Day 4 faintness		
q5.faint	Post-challenge Day 5 faintness		
q_1.hands	Pre-challenge (Day -1) hands trembling	SYMPSEV	
q0.hands	Pre-challenge (Day 0) hands trembling		
q01.hands	Pre-challenge hands trem. (avg. Day -1, Day 0)		q01.hands = mean(q_1.hands, q0.hands)
q1.hands	Post Day 1 hands trembling		
q2.hands	Post Day 2 hands trembling		
q3.hands	Post Day 3 hands trembling		
q4.hands	Post Day 4 hands trembling		
q5.hands	Post Day 5 hands trembling		
endrawdata	****END OF RAW SYMP DATA****		
q0.jacksn_scr	Pre-challenge (Day 0) Jackson Symp Score		q0.jacksn_scr = sum(q0.runno, q0.sneez, q0.srthr, q0.nascon, q0.cough, q0.hdach, q0.chill, q0.malais) (repeated for all post-challenge days)
q1.jacksn_scr	Post Day 1 Jackson Symp Score		
q2.jacksn_scr	Post Day 2 Jackson Symp Score		
q3.jacksn_scr	Post Day 3 Jackson Symp Score		
q4.jacksn_scr	Post Day 4 Jackson Symp Score		
q5.jacksn_scr	Post Day 5 Jackson Symp Score		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.runno_adj	Post Day 1 runny nose - adjusted		q1.runno_adj = q1.runno-q0.runno (repeated for all 5 post-challenge days) NOTE: if q1.runno - q0.runno lt 0, q1.runno_adj = 0.
q2.runno_adj	Post Day 2 runny nose - adjusted		
q3.runno_adj	Post Day 3 runny nose - adjusted		
q4.runno_adj	Post Day 4 runny nose - adjusted		
q5.runno_adj	Post Day 5 runny nose - adjusted		
q1.sneez_adj	Post Day 1 sneezing - adjusted		q1.sneez_adj = q1.sneez-q0.sneez (repeated for all 5 post-challenge days) NOTE: if q1.sneez - q0.sneez lt 0, q1.sneez_adj = 0.
q2.sneez_adj	Post Day 2 sneezing - adjusted		
q3.sneez_adj	Post Day 3 sneezing - adjusted		
q4.sneez_adj	Post Day 4 sneezing - adjusted		
q5.sneez_adj	Post Day 5 sneezing - adjusted		
q1.srthr_adj	Post Day 1 sore throat - adjusted		q1.srthr_adj = q1.srthr-q0.srthr (repeated for all 5 post-challenge days) NOTE: if q1.srthr - q0.srthr lt 0, q1.srthr_adj = 0.
q2.srthr_adj	Post Day 2 sore throat - adjusted		
q3.srthr_adj	Post Day 3 sore throat - adjusted		
q4.srthr_adj	Post Day 4 sore throat - adjusted		
q5.srthr_adj	Post Day 5 sore throat - adjusted		
q1.nascon_adj	Post Day 1 nasal congest - adjusted		q1.nascon_adj = q1.nascon-q0.nascon (repeated for all 5 post-challenge days) NOTE: if q1.nascon - q0.nascon lt 0, q1.nascon_adj = 0.
q2.nascon_adj	Post Day 2 nasal congest - adjusted		
q3.nascon_adj	Post Day 3 nasal congest - adjusted		
q4.nascon_adj	Post Day 4 nasal congest - adjusted		
q5.nascon_adj	Post Day 5 nasal congest - adjusted		
q1.cough_adj	Post Day 1 cough - adjusted		q1.cough_adj = q1.cough-q0.cough (repeated for all 5 post-challenge days) NOTE: if q1.cough - q0.cough lt 0, q1.cough_adj = 0.
q2.cough_adj	Post Day 2 cough - adjusted		
q3.cough_adj	Post Day 3 cough - adjusted		
q4.cough_adj	Post Day 4 cough - adjusted		
q5.cough_adj	Post Day 5 cough - adjusted		
q1.hdach_adj	Post Day 1 headache - adjusted		q1.hdach_adj = q1.hdach-q0.hdach (repeated for all 5 post-challenge days) NOTE: if q1.hdach - q0.hdach lt 0, q1.hdach_adj = 0.
q2.hdach_adj	Post Day 2 headache - adjusted		
q3.hdach_adj	Post Day 3 headache - adjusted		
q4.hdach_adj	Post Day 4 headache - adjusted		
q5.hdach_adj	Post Day 5 headache - adjusted		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.chill_adj	Post Day 1 chills - adjusted		q1.chill_adj = q1.chill-q0.chill (repeated for all 5 post-challenge days) NOTE: if q1.chill - q0.chill lt 0, q1.chill_adj = 0.
q2.chill_adj	Post Day 2 chills - adjusted		
q3.chill_adj	Post Day 3 chills - adjusted		
q4.chill_adj	Post Day 4 chills - adjusted		
q5.chill_adj	Post Day 5 chills - adjusted		
q1.malais_adj	Post Day 1 malaise - adjusted		q1.malais_adj = q1.malais-q0.malais (repeated for all 5 post-challenge days) NOTE: if q1.malais - q0.malais lt 0, q1.malais_adj = 0.
q2.malais_adj	Post Day 2 malaise - adjusted		
q3.malais_adj	Post Day 3 malaise - adjusted		
q4.malais_adj	Post Day 4 malaise - adjusted		
q5.malais_adj	Post Day 5 malaise - adjusted		
q1.jacksn_scr_adj	Post Day 1 Adjusted Jackson Symp Score		q1.jacksn_scr_adj = q1.jacksn_scr-q0.jacksn_scr (repeated for all 5 post-challenge days) NOTE: if q1.jacksn_scr - q0.jacksn_scr lt 0, q1.jacksn_scr_adj = 0.
q2.jacksn_scr_adj	Post Day 2 Adjusted Jackson Symp Score		
q3.jacksn_scr_adj	Post Day 3 Adjusted Jackson Symp Score		
q4.jacksn_scr_adj	Post Day 4 Adjusted Jackson Symp Score		
q5.jacksn_scr_adj	Post Day 5 Adjusted Jackson Symp Score		
q0.totsymp	Pre-challenge (Day 0) Total # Jackson Symps		count q0.totsymp = q0.runno q0.sneez q0.srthr q0.nascon q0.cough q0.hdach q0.chill q0.malais (1 thru highest)
q1.totsymp_adj	Post Day 1 Total # Jackson Symps		count q1.totsymp = q1.runno_adj q1.sneez_adj q1.srthr_adj q1.nascon_adj q1.cough_adj q1.hdach_adj q1.chill_adj q1.malais_adj (1 thru highest) (repeated for all post-challenge days)
q2.totsymp_adj	Post Day 2 Total # Jackson Symps		
q3.totsymp_adj	Post Day 3 Total # Jackson Symps		
q4.totsymp_adj	Post Day 4 Total # Jackson Symps		
q5.totsymp_adj	Post Day 5 Total # Jackson Symps		
post.sneez_avg	Avg Adjusted Post Sneezing Severity		post.sneez_avg = mean(q1.sneez_adj to q5.sneez_adj)
post.runno_avg	Avg Adjusted Post Runny Nose Severity		post.runno_avg = mean(q1.runno_adj to q5.runno_adj)
post.nascon_avg	Avg Adjusted Post Nasal congest Severity		post.nascon_avg = mean(q1.nascon_adj to q5.nascon_adj)

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
post.cough_avg	Avg Adjusted Post Cough Severity		post.cough_avg = mean(q1.cough_adj to q5.cough_adj)
post.srthr_avg	Avg Adjusted Post Sore Throat Severity		post.srthr_avg = mean(q1.srthr_adj to q5.srthr_adj)
post.hdach_avg	Avg Adjusted Post Headache Severity		post.hdach_avg = mean(q1.hdach_adj to q5.hdach_adj)
post.chill_avg	Avg Adjusted Post Chills Severity		post.chill_avg = mean(q1.chill_adj to q5.chill_adj)
post.malais_avg	Avg Adjusted Post Malaise Severity		post.malais_avg = mean(q1.malais_adj to q5.malais_adj)
post.jacksn_scr_tot	Total Adjusted Post Jackson Symp Score		post.jacksn_scr_tot = sum(q1.jacksn_scr_adj to q5.jacksn_scr_adj)
post.totsymp	Total # Jackson Symps (adjusted)		post.totsymp = sum(q1.totsymp_adj to q5.totsymp_adj)
post.sneezdays	Total Post Days with Sneezing		count post.sneezdays = q1.sneez_adj to q5.sneez_adj (1 through highest)
post.runnodays	Total Post Days with Runny Nose		count post.runnodays = q1.runno_adj to q5.runno_adj (1 through highest)
post.nascondays	Total Post Days with Nasal congest		count post.nascondays = q1.nascon_adj to q5.nascon_adj (1 through highest)
post.coughdays	Total Post Days with Cough		count post.coughdays = q1.cough_adj to q5.cough_adj (1 through highest)
post.srthrdays	Total Post Days with Sore Throat		count post.srthrdays = q1.srthr_adj to q5.srthr_adj (1 through highest)
post.hdachdays	Total Post Days with Headache		count post.hdachdays = q1.hdach_adj to q5.hdach_adj (1 through highest)
post.chilldays	Total Post Days with Chills		count post.chilldays = q1.chill_adj to q5.chill_adj (1 through highest)
post.malaisdays	Total Post Days with Malaise		count post.malaisdays = q1.malais_adj to q5.malais_adj (1 through highest)
post.colddays	Total Post Days Reporting Cold or Flu		post.colddays = sum(q1.cold to q5.cold)
post.subjcold	Meets subjective criteria for cold?	YES/NO	if (post.infected = 1) and (post.jacksn_scr_tot ≥6) and (post.runnodays ≥3 or post.colddays ≥1) post.subjcold = 1 if (post.infected = 0) or (post.jacksn_scr_tot < 6) or (post.runnodays < 3 and post.colddays = 0) post.subjcold = 0

INFECTION & COLDS **Value Labels for Categorical and Dichotomous Variables**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
STUDYID	0=BCS	Ab	1=<1:2	YES/NO	0=no
	1=PCS1		2=1:2 or <1:4		1=yes
	2=PCS2		4=1:4 or <1:8		
	3=PCS3		8=1:8 or <1:16	SYMPSEV	0=none
	4=PMBC		16=1:16 or >1:16		1=mild
					2=moderate
VIRUS2	0=RV39	SERO	0=Did not seroconvert		3=severe
	1=RV23		1=4-fold increase detected		4=very severe

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
BIOPATH	*****BEGIN BIOLOGICAL PATHWAYS DATA*****		
anthr	*****ANTHROPOMORPHICS*****		
weight_kg	Weight (kg)		
height_cm	Height (cm)		
bodymass	Body mass index (kg/m^2)		bodymass = (weight_kg)/[(height_cm/100)]^2
nasexm	*****GROSS NASAL PATHOLOGY*****		
q0.naspsg	Pre-challenge (Day 0) patency of nasal passages	PATENCY	
q1.naspsg	Post-challenge Day 1 patency of nasal passages		
q2.naspsg	Post-challenge Day 2 patency of nasal passages		
q3.naspsg	Post-challenge Day 3 patency of nasal passages		
q4.naspsg	Post-challenge Day 4 patency of nasal passages		
q5.naspsg	Post-challenge Day 5 patency of nasal passages		
q0.mucede	Pre-challenge (Day 0) mucosal edema	EDEMA	
q1.mucede	Post-challenge Day 1 mucosal edema		
q2.mucede	Post-challenge Day 2 mucosal edema		
q3.mucede	Post-challenge Day 3 mucosal edema		
q4.mucede	Post-challenge Day 4 mucosal edema		
q5.mucede	Post-challenge Day 5 mucosal edema		
q0.muccolr	Pre-challenge (Day 0) color of mucosa	MUCCOL	
q1.muccolr	Post-challenge Day 1 color of mucosa		
q2.muccolr	Post-challenge Day 2 color of mucosa		
q3.muccolr	Post-challenge Day 3 color of mucosa		
q4.muccolr	Post-challenge Day 4 color of mucosa		
q5.muccolr	Post-challenge Day 5 color of mucosa		
q0.rhnqnt	Pre-challenge (Day 0) quantity of rhinorrhea	RHNQNT	
q1.rhnqnt	Post-challenge Day 1 quantity of rhinorrhea		
q2.rhnqnt	Post-challenge Day 2 quantity of rhinorrhea		
q3.rhnqnt	Post-challenge Day 3 quantity of rhinorrhea		
q4.rhnqnt	Post-challenge Day 4 quantity of rhinorrhea		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q5.rhnqnt	Post-challenge Day 5 quantity of rhinorrhea		
q0.rhnqual	Pre-challenge (Day 0) quality of rhinorrhea	RHNQUL	
q1.rhnqual	Post-challenge Day 1 quality of rhinorrhea		
q2.rhnqual	Post-challenge Day 2 quality of rhinorrhea		
q3.rhnqual	Post-challenge Day 3 quality of rhinorrhea		
q4.rhnqual	Post-challenge Day 4 quality of rhinorrhea		
q5.rhnqual	Post-challenge Day 5 quality of rhinorrhea		
q0.rhncolr	Pre-challenge (Day 0) color of rhinorrhea	RHNCOL	
q1.rhncolr	Post-challenge Day 1 color of rhinorrhea		
q2.rhncolr	Post-challenge Day 2 color of rhinorrhea		
q3.rhncolr	Post-challenge Day 3 color of rhinorrhea		
q4.rhncolr	Post-challenge Day 4 color of rhinorrhea		
q5.rhncolr	Post-challenge Day 5 color of rhinorrhea		
q0.sindis	Pre-challenge (Day 0) sinus discharge	SINDIS	
q1.sindis	Post-challenge Day 1 sinus discharge		
q2.sindis	Post-challenge Day 2 sinus discharge		
q3.sindis	Post-challenge Day 3 sinus discharge		
q4.sindis	Post-challenge Day 4 sinus discharge		
q5.sindis	Post-challenge Day 5 sinus discharge		
mep	*****MIDDLE EAR PRESSURE (MEP)*****		
q0.rmep_eve	Pre-challenge (Day 0) right MEP - evening		
q0.rmep_mrn	Pre-challenge (Day 0) right MEP - morning		
q0.rmep_aft	Pre-challenge (Day 0) right MEP - afternoon		
q1.rmep_eve	Post-challenge Day 1 right MEP - evening		
q1.rmep_mrn	Post-challenge Day 1 right MEP - morning		
q1.rmep_aft	Post-challenge Day 1 right MEP - afternoon		
q2.rmep_eve	Post-challenge Day 2 right MEP - evening		
q2.rmep_mrn	Post-challenge Day 2 right MEP - morning		
q2.rmep_aft	Post-challenge Day 2 right MEP - afternoon		
q3.rmep_eve	Post-challenge Day 3 right MEP - evening		
q3.rmep_mrn	Post-challenge Day 3 right MEP - morning		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q3.rmep_aft	Post-challenge Day 3 right MEP - afternoon		
q4.rmep_eve	Post-challenge Day 4 right MEP - evening		
q4.rmep_mrn	Post-challenge Day 4 right MEP - morning		
q4.rmep_aft	Post-challenge Day 4 right MEP - afternoon		
q5.rmep_eve	Post-challenge Day 5 right MEP - evening		
q5.rmep_mrn	Post-challenge Day 5 right MEP - morning		
q5.rmep_aft	Post-challenge Day 5 right MEP - afternoon		
q0.lmep_eve	Pre-challenge (Day 0) left MEP - evening		
q0.lmep_mrn	Pre-challenge (Day 0) left MEP - morning		
q0.lmep_aft	Pre-challenge (Day 0) left MEP - afternoon		
q1.lmep_eve	Post-challenge Day 1 left MEP - evening		
q1.lmep_mrn	Post-challenge Day 1 left MEP - morning		
q1.lmep_aft	Post-challenge Day 1 left MEP - afternoon		
q2.lmep_eve	Post-challenge Day 2 left MEP - evening		
q2.lmep_mrn	Post-challenge Day 2 left MEP - morning		
q2.lmep_aft	Post-challenge Day 2 left MEP - afternoon		
q3.lmep_eve	Post-challenge Day 3 left MEP - evening		
q3.lmep_mrn	Post-challenge Day 3 left MEP - morning		
q3.lmep_aft	Post-challenge Day 3 left MEP - afternoon		
q4.lmep_eve	Post-challenge Day 4 left MEP - evening		
q4.lmep_mrn	Post-challenge Day 4 left MEP - morning		
q4.lmep_aft	Post-challenge Day 4 left MEP - afternoon		
q5.lmep_eve	Post-challenge Day 5 left MEP - evening		
q5.lmep_mrn	Post-challenge Day 5 left MEP - morning		
q5.lmep_aft	Post-challenge Day 5 left MEP - afternoon		
immf	*****FUNCTIONAL IMMUNE DATA*****		
q0.il1b_nas	Pre-challenge (Day 0) nasal IL-1β		
q1.il1b_nas	Post-challenge Day 1 nasal IL-1β		
q2.il1b_nas	Post-challenge Day 2 nasal IL-1β		
q3.il1b_nas	Post-challenge Day 3 nasal IL-1β		
q4.il1b_nas	Post-challenge Day 4 nasal IL-1β		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q5.il1b_nas	Post-challenge Day 5 nasal IL-1β		
q0.il6_nas	Pre-challenge (Day 0) nasal IL-6		
q1.il6_nas	Post-challenge Day 1 nasal IL-6		
q2.il6_nas	Post-challenge Day 2 nasal IL-6		
q3.il6_nas	Post-challenge Day 3 nasal IL-6		
q4.il6_nas	Post-challenge Day 4 nasal IL-6		
q5.il6_nas	Post-challenge Day 5 nasal IL-6		
q0.il8_nas	Pre-challenge (Day 0) nasal IL-8		
q1.il8_nas	Post-challenge Day 1 nasal IL-8		
q2.il8_nas	Post-challenge Day 2 nasal IL-8		
q3.il8_nas	Post-challenge Day 3 nasal IL-8		
q4.il8_nas	Post-challenge Day 4 nasal IL-8		
q5.il8_nas	Post-challenge Day 5 nasal IL-8		
q1.il1b_nas_adj	Adjusted post-challenge Day 1 nasal IL-1β		q1.il1b_nas_adj = q1.il1b_nas - q0.il1b_nas.
q2.il1b_nas_adj	Adjusted post-challenge Day 2 nasal IL-1β		q2.il1b_nas_adj = q2.il1b_nas - q0.il1b_nas.
q3.il1b_nas_adj	Adjusted post-challenge Day 3 nasal IL-1β		q3.il1b_nas_adj = q3.il1b_nas - q0.il1b_nas.
q4.il1b_nas_adj	Adjusted post-challenge Day 4 nasal IL-1β		q4.il1b_nas_adj = q4.il1b_nas - q0.il1b_nas.
q5.il1b_nas_adj	Adjusted post-challenge Day 5 nasal IL-1β		q5.il1b_nas_adj = q5.il1b_nas - q0.il1b_nas.
q1.il6_nas_adj	Adjusted post-challenge Day 1 nasal IL-6		q1.il6_nas_adj = q1.il6_nas - q0.il6_nas.
q2.il6_nas_adj	Adjusted post-challenge Day 2 nasal IL-6		q2.il6_nas_adj = q2.il6_nas - q0.il6_nas.
q3.il6_nas_adj	Adjusted post-challenge Day 3 nasal IL-6		q3.il6_nas_adj = q3.il6_nas - q0.il6_nas.
q4.il6_nas_adj	Adjusted post-challenge Day 4 nasal IL-6		q4.il6_nas_adj = q4.il6_nas - q0.il6_nas.
q5.il6_nas_adj	Adjusted post-challenge Day 5 nasal IL-6		q5.il6_nas_adj = q5.il6_nas - q0.il6_nas.
q1.il8_nas_adj	Adjusted post-challenge Day 1 nasal IL-8		q1.il8_nas_adj = q1.il8_nas - q0.il8_nas.
q2.il8_nas_adj	Adjusted post-challenge Day 2 nasal IL-8		q2.il8_nas_adj = q2.il8_nas - q0.il8_nas.
q3.il8_nas_adj	Adjusted post-challenge Day 3 nasal IL-8		q3.il8_nas_adj = q3.il8_nas - q0.il8_nas.
q4.il8_nas_adj	Adjusted post-challenge Day 4 nasal IL-8		q4.il8_nas_adj = q4.il8_nas - q0.il8_nas.
q5.il8_nas_adj	Adjusted post-challenge Day 5 nasal IL-8		q5.il8_nas_adj = q5.il8_nas - q0.il8_nas.

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
post.il1b_adj_avg	Average adjusted post-challenge nasal IL-1β		post.il1b_adj_avg = mean.4(q1.il1b_nas_adj, q2.il1b_nas_adj, q3.il1b_nas_adj, q4.il1b_nas_adj, q5.il1b_nas_adj).
post.il6_adj_avg	Average adjusted post-challenge nasal IL-6		post.il6_adj_avg = mean.4(q1.il6_nas_adj, q2.il6_nas_adj, q3.il6_nas_adj, q4.il6_nas_adj, q5.il6_nas_adj).
post.il8_adj_avg	Average adjusted post-challenge nasal IL-8		post.il8_adj_avg = mean.4(q1.il8_nas_adj, q2.il8_nas_adj, q3.il8_nas_adj, q4.il8_nas_adj, q5.il8_nas_adj).
rst	*****RESTING BIOLOGICAL MEASURES*****		
q0.temp_mrn	Pre-challenge (Day 0) morning temperature (°F)		
q0.temp_aft	Pre-challenge (Day 0) afternoon temperature (°F)		
q1.temp_eve	Post-challenge Day 1 evening temperature (°F)		
q1.temp_mrn	Post-challenge Day 1 morning temperature (°F)		
q1.temp_aft	Post-challenge Day 1 afternoon temperature (°F)		
q2.temp_eve	Post-challenge Day 2 evening temperature (°F)		
q2.temp_mrn	Post-challenge Day 2 morning temperature (°F)		
q2.temp_aft	Post-challenge Day 2 afternoon temperature (°F)		
q3.temp_eve	Post-challenge Day 3 evening temperature (°F)		
q3.temp_mrn	Post-challenge Day 3 morning temperature (°F)		
q3.temp_aft	Post-challenge Day 3 afternoon temperature (°F)		
q4.temp_eve	Post-challenge Day 4 evening temperature (°F)		
q4.temp_mrn	Post-challenge Day 4 morning temperature (°F)		
q4.temp_aft	Post-challenge Day 4 afternoon temperature (°F)		
q5.temp_eve	Post-challenge Day 5 evening temperature (°F)		
q5.temp_mrn	Post-challenge Day 5 morning temperature (°F)		
q5.temp_aft	Post-challenge Day 5 afternoon temperature (°F)		
q0.temp	Pre-challenge (Day 0) average temperature (°F)		q0.temp = mean(q0.temp_mrn, q0.temp_aft, q0.temp_eve)
q1.temp	Post-challenge Day 1 average temperature (°F)		q1.temp = mean(q1.temp_mrn, q1.temp_aft, q1.temp_eve)
q2.temp	Post-challenge Day 2 average temperature (°F)		q2.temp = mean(q2.temp_mrn, q2.temp_aft, q2.temp_eve)
q3.temp	Post-challenge Day 3 average temperature (°F)		q3.temp = mean(q3.temp_mrn, q3.temp_aft, q3.temp_eve)
q4.temp	Post-challenge Day 4 average temperature (°F)		q4.temp = mean(q4.temp_mrn, q4.temp_aft, q4.temp_eve)
q5.temp	Post-challenge Day 5 average temperature (°F)		q5.temp = mean(q5.temp_mrn, q5.temp_aft, q5.temp_eve)

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.sbp	Pre-challenge (Day 0) resting SBP		
q1.sbp	Post-challenge Day 1 resting SBP		
q2.sbp	Post-challenge Day 2 resting SBP		
q3.sbp	Post-challenge Day 3 resting SBP		
q4.sbp	Post-challenge Day 4 resting SBP		
q5.sbp	Post-challenge Day 5 resting SBP		
q0.dbp	Pre-challenge (Day 0) resting DBP		
q1.dbp	Post-challenge Day 1 resting DBP		
q2.dbp	Post-challenge Day 2 resting DBP		
q3.dbp	Post-challenge Day 3 resting DBP		
q4.dbp	Post-challenge Day 4 resting DBP		
q5.dbp	Post-challenge Day 5 resting DBP		
q0.plsp	Pre-challenge (Day 0) resting pulse pressure		q0.plsp = q0.sbp-q0.dbp
q1.plsp	Post-challenge Day 1 resting pulse pressure		q1.plsp = q1.sbp-q1.dbp
q2.plsp	Post-challenge Day 2 resting pulse pressure		q2.plsp = q2.sbp-q2.dbp
q3.plsp	Post-challenge Day 3 resting pulse pressure		q3.plsp = q3.sbp-q3.dbp
q4.plsp	Post-challenge Day 4 resting pulse pressure		q4.plsp = q4.sbp-q4.dbp
q5.plsp	Post-challenge Day 5 resting pulse pressure		q5.plsp = q5.sbp-q5.dbp
q0.map	Pre-challenge (Day 0) resting mean arterial press		q0.map = [(2*q0.dbp) + q0.sbp]/3
q1.map	Post-challenge Day 1 resting mean arterial pressure		q1.map = [(2*q1.dbp) + q1.sbp]/3
q2.map	Post-challenge Day 2 resting mean arterial pressure		q2.map = [(2*q2.dbp) + q2.sbp]/3
q3.map	Post-challenge Day 3 resting mean arterial pressure		q3.map = [(2*q3.dbp) + q3.sbp]/3
q4.map	Post-challenge Day 4 resting mean arterial pressure		q4.map = [(2*q4.dbp) + q4.sbp]/3
q5.map	Post-challenge Day 5 resting mean arterial pressure		q5.map = [(2*q5.dbp) + q5.sbp]/3
q0.hr	Pre-challenge (Day 0) resting heart rate		
q1.hr	Post-challenge Day 1 resting heart rate		
q2.hr	Post-challenge Day 2 resting heart rate		
q3.hr	Post-challenge Day 3 resting heart rate		
q4.hr	Post-challenge Day 4 resting heart rate		
q5.hr	Post-challenge Day 5 resting heart rate		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
endo	****ENDOCRINE DATA*****		
u24.totvol1	Pre-Q'rntine (home): 24-hr total urine vol (mL)		
u24.cr_mgvol1	Pre-Q' (home): 24-hr creatinine output (mg/tot vol)		
u24.ne_mcgvol1	Pre-Q' (home): 24-hr NE output (mcg/tot vol)		
u24.ne1mcg_cr1mg	Pre-Q' (home): 24-hr NE (mcg)/creatinine (mg)		u24.ne1mcg_cr1mg =u24.ne_mcgvol1/u24.cr_mgvol1.
u24.ne_mcgvol1_new	Pre-Q'rntine (home): 24-hr NE output (subjects w/incomplete samples scored as missing)		do if (female eq 0). do if (u24.cr_mgvol1 gt 1250). compute u24.ne_mcgvol1_new=u24.ne_mcgvol1. else. compute u24.ne_mcgvol1_new=$sysmis. end if. else if (female eq 1). do if (u24.cr_mgvol1 gt 750). compute u24.ne_mcgvol1_new=u24.ne_mcgvol1. else. compute u24.ne_mcgvol1_new=$sysmis. end if. end if.
u24.epi_mcgvol1	Pre-Q' (home): 24-hr E output (mcg/total vol)		
u24.epi1mcg_cr1mg	Pre-Q' (home): 24-hr E (mcg) / creatinine (mg)		u24.epi1mcg_cr1mg =u24.epi_mcgvol1/u24.cr_mgvol1.
u24.epi_mcgvol1_new	Pre-Q'rntine (home): 24-hr E output (subjects w/incomplete samples scored as missing)		do if (female eq 0). do if (u24.cr_mgvol1 gt 1250). compute u24.epi_mcgvol1_new=u24.epi_mcgvol1. else. compute u24.epi_mcgvol1_new=$sysmis. end if. else if (female eq 1). do if (u24.cr_mgvol1 gt 750). compute u24.epi_mcgvol1_new=u24.epi_mcgvol1. else. compute u24.epi_mcgvol1_new=$sysmis. end if. end if.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
u24.da_mcgvol1	Pre-Q'rntine (home): 24-hr DA output (mcg/tot vol)		
u24.da1mcg_cr1mg	Pre-Q' (home): 24-hr DA (mcg)/creatinine (mg)		u24.da1mcg_cr1mg =u24.da_mcgvol1/u24.cr_mgvol1.
u24.da_mcgvol1_new	Pre-Q'rntine (home): 24-hr DA output (subjects w/incomplete samples scored as missing)		do if (female eq 0). do if (u24.cr_mgvol1 gt 1250). compute u24.da_mcgvol1_new=u24.da_mcgvol1. else. compute u24.da_mcgvol1_new=$sysmis. end if. else if (female eq 1). do if (u24.cr_mgvol1 gt 750). compute u24.da_mcgvol1_new=u24.da_mcgvol1. else. compute u24.da_mcgvol1_new=$sysmis. end if. end if.
u24.totvol2	Q'rntine Day 0: 24-hr total urine vol (mL)		
u24.cr_mgvol2	Q'rntine Day 0: 24-hr creatinine output (mg/tot vol)		
u24.ne_mcgvol2	Q'rntine Day 0: 24-hr NE output (mcg/total vol)		
u24.ne2mcg_cr2mg	Q'rntine Day 0: 24-hr NE (mcg) / creatinine (mg)		u24.ne2mcg_cr2mg =u24.ne_mcgvol2/u24.cr_mgvol2.
u24.ne_mcgvol2_new	Q'rntine Day 0: 24-hr NE output (rescored)		Pariticpants w/incomplete samples scored as missing. See above.
u24.ne_mcgvol_avg	Avg 24-hr Urine NE output (mcg/tot vol)		u24.ne_mcgvol_avg=mean.2(u24.ne_mcgvol1, u24.ne_mcgvol2).
u24.epi_mcgvol2	Q'rntine Day 0: 24-hr E output (mcg/total vol)		
u24.epi2mcg_cr2mg	Q'rntine Day 0: 24-hr E (mcg) / creatinine (mg)		u24.epi2mcg_cr2mg =u24.epi_mcgvol2/u24.cr_mgvol2.
u24.epi_mcgvol2_new	Q'rntine Day 0: 24-hr E output (rescored)		Pariticpants w/incomplete samples scored as missing. See above.
u24.epi_mcgvol_avg	Avg 24-hr Urine E output (mcg/tot vol)		u24.epi_mcgvol_avg=mean.2(u24.epi_mcgvol1, u24.epi_mcgvol2).
u24.da_mcgvol2	Q'rntine Day 0: 24-hr DA output (mcg/total vol)		
u24.da2mcg_cr2mg	Q'rntine Day 0: 24-hr DA (mcg) / creatinine (mg)		u24.da2mcg_cr2mg =u24.da_mcgvol2/u24.cr_mgvol2.
u24.da_mcgvol2_new	Q'rntine Day 0: 24-hr DA output		Pariticpants w/incomplete samples scored as missing. See above.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
u24.da_mcgvol_avg	Average 24-hr Urine DA output (mcg/total vol)		u24.da_mcgvol_avg=mean.2(u24.da_mcgvol1, u24.da_mcgvol2).
u24.ne_mcgvol_nwav	Average of rescored 24-hr NE1 and NE2		u24.ne_mcgvol_nwav=mean.2(u24.ne_mcgvol1_new, u24.ne_mcgvol2_new).
u24.ne_cr_avg	Average 24-hr NE (mcg) / creatinine (mg)		u24.ne_cr_avg = mean.2(u24.ne1mcg_cr1mg, u24.ne2mcg_cr2mg).
u24.epi_mcgvol_nwav	Average of rescored 24-hr E1 and E2		u24.epi_mcgvol_nwav=mean.2(u24.epi_mcgvol1_new, u24.epi_mcgvol2_new).
u24.epi_cr_avg	Average 24-hr E (mcg) / creatinine (mg)		u24.epi_cr_avg = mean.2(u24.epi1mcg_cr1mg, u24.epi2mcg_cr2mg).
u24.da_mcgvol_nwav	Average of rescored 24-hr DA1 and DA2		u24.da_mcgvol_nwav=mean.2(u24.da_mcgvol1_new, u24.da_mcgvol2_new).
u24.da_cr_avg	Avg 24-hr DA (mcg) / creatinine (mg)		u24.da_cr_avg = mean.2(u24.da1mcg_cr1mg, u24.da2mcg_cr2mg).
cort	*****SALIVARY CORTISOL DATA*****		
pre1wake	Pre-Q' (Home) Day 1 wake-up (wu) time (hh:mm)		
slva.pre1cort1	Pre-Q'rntine (Home) Day 1 wu cortisol (nmol/l)		
slva.pre1cort2	Pre-Q' (Home) Day 1 wu + 30 cortisol (nmol/l)		
slva.pre1cort3	Pre-Q' (Home) Day 1 wu + 60 cortisol (nmol/l)		
slva.pre1cort4	Pre-Q' (Home) Day 1 wu + 120 cortisol (nmol/l)		
slva.pre1cort5	Pre-Q' (Home) Day 1 wu + 240 cortisol (nmol/l)		
slva.pre1cort6	Pre-Q' (Home) Day 1 wu + 360 cortisol (nmol/l)		
slva.pre1cort7	Pre-Q' (Home) Day 1 wu + 480 cortisol (nmol/l)		
slva.pre1cort8	Pre-Q' (Home) Day 1 wu + 600 cortisol (nmol/l)		
slva.pre1cort9	Pre-Q' (Home) Day 1 wu + 720 cortisol (nmol/l)		
slva.pre1cort10	Pre-Q' (Home) Day 1 wu + 840 cortisol (nmol/l)		
slva.pre1cort11	Pre-Q' (Home) Day 1 wu + 960 cortisol (nmol/l)		
pre2wake	Pre-Q' (Home) Day 2 wake-up time (hh:mm)		
slva.pre2cort1	Pre-Q' (Home) Day 2 wu cortisol (nmol/l)		
slva.pre2cort2	Pre-Q' (Home) Day 2 wu + 30 cortisol (nmol/l)		
slva.pre2cort3	Pre-Q' (Home) Day 2 wu + 60 cortisol (nmol/l)		
slva.pre2cort4	Pre-Q' (Home) Day 2 wu + 120 cortisol (nmol/l)		
slva.pre2cort5	Pre-Q' (Home) Day 2 wu + 240 cortisol (nmol/l)		
slva.pre2cort6	Pre-Q' (Home) Day 2 wu + 360 cortisol (nmol/l)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.pre2cort7	Pre-Q' (Home) Day 2 wu + 480 cortisol (nmol/l)		
slva.pre2cort8	Pre-Q' (Home) Day 2 wu + 600 cortisol (nmol/l)		
slva.pre2cort9	Pre-Q' (Home) Day 2 wu + 720 cortisol (nmol/l)		
slva.pre2cort10	Pre-Q' (Home) Day 2 wu + 840 cortisol (nmol/l)		
slva.pre2cort11	Pre-Q' (Home) Day 2 wu + 960 cortisol (nmol/l)		
prewake	Pre-Q'rntine (Home) avg wake-up time (hh:mm)		
slva.precort1avg	Pre-Q'rntine (Home) avg wu cortisol (nmol/l)		
slva.precort2avg	Pre-Q'rntine (Home) avg wu + 30 cortisol (nmol/l)		
slva.precort3avg	Pre-Q'rntine (Home) avg wu + 60 cortisol (nmol/l)		
slva.precort4avg	Pre-Q'rntine (Home) avg wu + 120 cortisol (nmol/l)		
slva.precort5avg	Pre-Q'rntine (Home) avg wu + 240 cortisol (nmol/l)		
slva.precort6avg	Pre-Q'rntine (Home) avg wu + 360 cortisol (nmol/l)		
slva.precort7avg	Pre-Q'rntine (Home) avg wu + 480 cortisol (nmol/l)		
slva.precort8avg	Pre-Q'rntine (Home) avg wu + 600 cortisol (nmol/l)		
slva.precort9avg	Pre-Q'rntine (Home) avg wu + 720 cortisol (nmol/l)		
slva.precort10avg	Pre-Q'rntine (Home) avg wu + 840 cortisol (nmol/l)		
slva.precort11avg	Pre-Q'rntine (Home) avg wu + 960 cortisol (nmol/l)		
slva.goodpre	Has valid data on both pre-quarantine days	YES/NO	
slva.n272	Member of n=272 used in Stone et al (2001)	YES/NO	
slva.q0cort1	Quarantine Day 0 5:45 am cortisol (nmol/l)		
slva.q0cort2	Quarantine Day 0 6:15am cortisol (nmol/l)		
slva.q0cort3	Quarantine Day 0 6:45 am cortisol (nmol/l)		
slva.q0cort4	Quarantine Day 0 8:00 am cortisol (nmol/l)		
slva.q0cort5	Quarantine Day 0 9:00 am cortisol (nmol/l)		
slva.q0cort6	Quarantine Day 0 10:00 am cortisol (nmol/l)		
slva.q0cort7	Quarantine Day 0 11:00 am cortisol (nmol/l)		
slva.q0cort8	Quarantine Day 0 12:00 pm cortisol (nmol/l)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.q0cort9	Quarantine Day 0 1:00 pm cortisol (nmol/l)		
slva.q0cort10	Quarantine Day 0 2:00 pm cortisol (nmol/l)		
slva.q0cort11	Quarantine Day 0 3:00 pm cortisol (nmol/l)		
slva.q0cort12	Quarantine Day 0 4:00 pm cortisol (nmol/l)		
slva.q0cort13	Quarantine Day 0 6:30 pm cortisol (nmol/l)		
slva.q0cort14	Quarantine Day 0 10:30 pm cortisol (nmol/l)		
slva.pre1cort_auc	Pre-Quarantine (Home) Day 1 Cortisol AUC		Cortisol area under the curve (AUC) with respect to ground was computed using the trapezoid rule, as per Pruessner et al., 2003.
slva.pre2cort_auc	Pre-Quarantine (Home) Day 2 Cortisol AUC		
slva.q0cort_auc	Q'rntine Day 0 Cortisol AUC		AUC values were computed for all subjects who met specific missing data criteria for each measurement day (see calculation pages for Pre-Quarantine Days 1 & 2 and Quarantine Day 0).
slva.q0cort_auc_no2pm	Q'rntine Day 0 Cortisol AUC - 2PM sample excluded		
pre1wakeup	Pre-Q' (Home) Day 1 wake time (min past midnite)		pre1wakeup = datediff(pre1wake, midnight, "minutes").
pre1cort1_resid	Unstandardized Residual		Unstandardized residuals were computed by regressing the raw cortisol measurement value on pre-challenge day 1 wake up time (pre1wakeup). The derived residual was then added to the mean value of the relevant raw score to create a variable that was adjusted for wake up time (see below).
pre1cort2_resid	Unstandardized Residual		
pre1cort3_resid	Unstandardized Residual		
pre1cort4_resid	Unstandardized Residual		
pre1cort5_resid	Unstandardized Residual		
pre1cort6_resid	Unstandardized Residual		
pre1cort7_resid	Unstandardized Residual		
pre1cort8_resid	Unstandardized Residual		
pre1cort9_resid	Unstandardized Residual		
pre1cort10_resid	Unstandardized Residual		
pre1cort11_resid	Unstandardized Residual		
adj.pre1cort1	Pre-Q' Day 1 wu cort (nmol/l) - adj wake time		adj.pre1cort1=14.68+pre1cort1_resid; if (adj.pre1cort1>0) adj.pre1cort1=0.
adj.pre1cort2	Pre-Q' Day 1 wu + 30 cort (nmol/l) - adj wake time		adj.pre1cort2=18.29+pre1cort2_resid; if (adj.pre1cort2>0) adj.pre1cort2=0.
adj.pre1cort3	Pre-Q' Day 1 wu + 60 cort (nmol/l) - adj wake time		adj.pre1cort3=17.00+pre1cort3_resid; if (adj.pre1cort3 >0) adj.pre1cort3=0.
adj.pre1cort4	Pre-Q' Day 1 wu+120 cort (nmol/l) - adj wake time		adj.pre1cort4=12.66+pre1cort4_resid; if (adj.pre1cort4 >0) adj.pre1cort4=0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
adj.pre1cort5	Pre-Q' Day 1 wu+240 cort (nmol/l) - adj wake time		adj.pre1cort5=10.30+pre1cort5_resid; if (adj.pre1cort5 >0) adj.pre1cort5=0.
adj.pre1cort6	Pre-Q' Day 1 wu+360 cort (nmol/l) - adj wake time		adj.pre1cort6=9.82+pre1cort6_resid; if (adj.pre1cort6 >0) adj.pre1cort6=0.
adj.pre1cort7	Pre-Q' Day 1 wu+480 cort (nmol/l) - adj wake time		adj.pre1cort7=8.00+pre1cort7_resid; if (adj.pre1cort7 >0) adj.pre1cort7=0.
adj.pre1cort8	Pre-Q' Day 1 wu+600 cort (nmol/l) - adj wake time		adj.pre1cort8=7.16+pre1cort8_resid; if (adj.pre1cort8 >0) adj.pre1cort8=0.
adj.pre1cort9	Pre-Q' Day 1 wu+720 cort (nmol/l) - adj wake time		adj.pre1cort9=5.76+pre1cort9_resid; if (adj.pre1cort9 >0) adj.pre1cort9=0.
adj.pre1cort10	Pre-Q' Day 1 wu+840 cort (nmol/l) - adj wake time		adj.pre1cort10 = 4.60 + pre1cort10_resid; if (adj.pre1cort10 > 0) adj.pre1cort10 = 0.
adj.pre1cort11	Pre-Q' Day 1 wu+960 cort (nmol/l) - adj wake time		adj.pre1cort11 = 5.37 + pre1cort11_resid; if (adj.pre1cort11 > 0) adj.pre1cort11 = 0.
pre2wakeup	Pre-Q' (Home) Day 2 wake time (min past midnite)		pre2wakeup = datediff(pre2wake, midnight, "minutes").
pre2cort1_resid	Unstandardized Residual		Unstandardized residuals were computed by regressing the raw cortisol measurement value on pre-challenge day 2 wake up time (pre2wakeup). The derived residual was then added to the mean value of the relevant raw score to create a variable that was adjusted for wake up time (see below).
pre2cort2_resid	Unstandardized Residual		
pre2cort3_resid	Unstandardized Residual		
pre2cort4_resid	Unstandardized Residual		
pre2cort5_resid	Unstandardized Residual		
pre2cort6_resid	Unstandardized Residual		
pre2cort7_resid	Unstandardized Residual		
pre2cort8_resid	Unstandardized Residual		
pre2cort9_resid	Unstandardized Residual		
pre2cort10_resid	Unstandardized Residual		
pre2cort11_resid	Unstandardized Residual		
adj.pre2cort1	Pre-Q' Day 2 wu cort (nmol/l) - adj for wake time		adj.pre2cort1=15.34+pre2cort1_resid; if (adj.pre2cort1 >0) adj.pre2cort1=0.
adj.pre2cort2	Pre-Q' Day 2 wu + 30 cort (nmol/l) - adj wake time		adj.pre2cort2=21.09+pre2cort2_resid; if (adj.pre2cort2 >0) adj.pre2cort2=0.
adj.pre2cort3	Pre-Q' Day 2 wu + 60 cort (nmol/l) - adj wake time		adj.pre2cort3=18.03+pre2cort3_resid; if (adj.pre2cort3 >0) adj.pre2cort3=0.
adj.pre2cort4	Pre-Q' Day 2 wu+120 cort (nmol/l) - adj wake time		adj.pre2cort4=13.46+pre2cort4_resid; if (adj.pre2cort4 >0) adj.pre2cort4=0.
adj.pre2cort5	Pre-Q' Day 2 wu+240 cort (nmol/l) - adj wake time		adj.pre2cort5=10.51+pre2cort5_resid; if (adj.pre2cort5 >0) adj.pre2cort5=0.
adj.pre2cort6	Pre-Q' Day 2 wu+360 cort (nmol/l) - adj wake time		adj.pre2cort6=8.98+pre2cort6_resid; if (adj.pre2cort6 >0) adj.pre2cort6=0.
adj.pre2cort7	Pre-Q' Day 2 wu+480 cort (nmol/l) - adj wake time		adj.pre2cort7=9.62+pre2cort7_resid; if (adj.pre2cort7 >0) adj.pre2cort7=0.
adj.pre2cort8	Pre-Q' Day 2 wu+600 cort (nmol/l) - adj wake time		adj.pre2cort8=7.03+pre2cort8_resid; if (adj.pre2cort8 >0) adj.pre2cort8 = 0.
adj.pre2cort9	Pre-Q' Day 2 wu+720 cort (nmol/l) - adj wake time		adj.pre2cort9=6.22+pre2cort9_resid; if (adj.pre2cort9 >0) adj.pre2cort9 = 0.

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
adj.pre2cort10	Pre-Q' Day 2 wu+840 cort (nmol/l) - adj wake time		adj.pre2cort10 = 5.89+pre2cort10_resid; if (adj.pre2cort10 >0) adj.pre2cort10 = 0.
adj.pre2cort11	Pre-Q' Day 2 wu+960 cort (nmol/l) - adj wake time		adj.pre2cort11=6.25 + pre2cort11_resid; if (adj.pre2cort11 >0) adj.pre2cort11 = 0.
adj.pre1cort_auc	Pre-Q' (Home) Day 1 Cortisol AUC - adj wake time		Computation of adjusted AUC scores is identical to that for the unadjusted scores, save for the substitution of the adjusted variables (see calculation sheet for Pre-Quarantine Days 1 & 2).
adj.pre2cort_auc	Pre-Q' (Home) Day 2 Cortisol AUC - adj wake time		
ladj.pre1cort_auc	Pre-Q'rntine Day 1 Cort AUC - adj wake time (log_{10})		ladj.pre1cort_auc = log10(adj.pre1cort_auc).
ladj.pre2cort_auc	Pre-Q'rntine Day 2 Cort AUC - adj wake time (log_{10})		ladj.pre2cort_auc = log10(adj.pre2cort_auc).

BIOLOGICAL PATHWAYS **Value Labels for Categorical and Dichotomous Variables**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
PATENCY	0=wide open	RHNQUL	0=none	RHNQNT	0=none	SINDIS	0=none
	1=open		1=serous		1=scanty		1=suspicious
	2=slightly obstructed		2=sero-mucinous		2=some		2=apparent
	3=moderately obstructed		3=mucinous		3=moderate		
	4=severely obstructed		4=purulent		4=profuse	YES/NO	0=no
							1=yes
EDEMA	0=none	MUCCOL	0=normal	RHNCOL	0=none		
	1=mild		1=white		1=colorless		
	2=moderate		2=pale		2=white		
	3=severe		3=pink		3=yellow		
			4=red		4=green		

REFERENCE: Pruessner, J. C., Kirschbaum, C., Meinlschmid, G., & Hellhammer, D. H. (2003). Two formulas for computation of the area under the curve represent measures of total hormone concentration versus time-dependent change. *Psychoneuroendocrinology, 28 (7)*, 916-931.

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DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
DEMO	*****DEMOGRAPHICS DATA*****		
age	age at screening		
sex	sex	SEX	
race	race/ethnicity	RACE5	
race.white	race/ethnicity: White, Caucasian	RACEW	if (race = 1) race.white = 1; if (race ne 1) race.white = 0.
race.black	race/ethnicity: Black, African-American	RACEB	if (race = 2) race.black = 1; if (race ne 2) race.black = 0.
race.ntvam	race/ethnicity: Native American, Eskimo, Aleut	RACEN	if (race = 3) race.ntvam = 1; if (race ne 3) race.ntvam = 0.
race.asian	race/ethnicity: Asian or Pacific Islander	RACEA	if (race = 4) race.asian = 1; if (race ne 4) race.asian = 0.
race.hspnc	race/ethnicity: Hispanic, Latino	RACEH	if (race = 5) race.hspnc = 1; if (race ne 5) race.hspnc = 0.
educ.9level	9-category educational attainment (level)	EDUC9	

educ.years	educational attainment (years)		if (educ.9level = 1) educ.years = 10.
			if (educ.9level = 2) educ.years = 11.
			if (educ.9level = 3) educ.years = 12.
			if (educ.9level = 4) or (educ.9level = 5) educ.years = 13.
			if (educ.9level = 6) educ.years = 15.
			if (educ.9level = 7) educ.years = 16.
			if (educ.9level = 8) educ.years = 18.
			if (educ.9level = 9) educ.years = 20.

educ.4cat	4-category education variable (computed)	EDUC4	if (educ.9level ≥1) and (educ.9level ≤3) educ4cat = 1; educ.hschl = 1.
educ.hschl	educational attainment: high school or less	EDUCHS	if (educ.9level = 4) or (educ.9level = 5) educ4cat = 2; educ.lt2yr = 1.
educ.lt2yr	educational attainment: lt 2 yrs college	EDUCSC	if (educ.9level = 6) educ4cat = 3; educ.assoc = 1.
educ.assoc	educational attainment: ge 2 yrs college + assoc. degr	EDUCAD	if (educ.9level ge 7) educ4cat = 4; educ.ba = 1.
educ.ba	educational attainment: bachelor's degree or higher	EDUCBA	
employed	any employment (full- or part-time)	YES/NO	if (sni.employ_raw = 0) employed = 0; if (sni.employ_raw ge 1) employed = 1.
marstat5	Marital Status, 5 categories	MARSTAT5	
mstat.1	marital status: married/marriage-like relationship	MARSTM	
mstat.2	marital status: never married/marriage-like relationship	MARSTN	
mstat.3	marital status: separated	MARSTS	
mstat.4	marital status: divorced	MARSTD	

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DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
sescom	Subjective SES: community ladder score		
sesusa	Subjective SES: USA ladder score		
ownhome	Subject owns his/her own home	YES/NO	
ownhome2	Subject owns his/her own home	OWNHM	
ledsdemo	****DEMOGRAPHIC VARIABLES FROM THE LEDS****		
leds.date	LEDS: interview date		
leds.dob	LEDS: date of birth		
leds.sex	LEDS: sex	SEX	
leds.marhis	LEDS: marital history	MARSTAT9	
leds.lenmar	LEDS: length of present marital status		
leds.culbck	LEDS: cultural background	LEDSRACE	
leds.educ	LEDS: education level	LEDSEDUC	
leds.speduc	LEDS: spouse's education level	LEDEDUC	
leds.brthord	LEDS: position among siblings	LEDSBRTH	
leds.sibdth	LEDS: age at death of first sibling		
Leds.childno	LEDS: number of children	LEDSNUM	
leds.grndchil	LEDS: number of grandchildren	LEDSNUM	
leds.hsetot	LEDS: total # persons in the household		
leds.ohsetot	LEDS: total # relatives outside the household		
leds.frndtot	LEDS: number of friends and acquaintances		
leds.nbrtot	LEDS: number of neighbors		
leds.wrktot	LEDS: number of work associates		
leds.romtot	LEDS: number of romantic partners		
leds.orgtot	LEDS: number of organization memberships		
leds.conftot	LEDS: number of confidants		
leds.chldrelig	LEDS: religion in childhood	LEDSREL	

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DEMOGRAPHICS **Value Labels for Categorical and Dichotomous Variables (1/2)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
SEX	0=male	EDUC9	1=Didn't finish high school	YES/NO	0=no
	1=female		2=less than HS, completed VO/TECH program		1=yes
			3=Completed high school		
RACE5	1=White/Caucasian		4=HS + VO/TECH program	MARSTAT5	1=currently married/living in marital-like relationship
	2=Black/African-American		5=Less than 2 yrs college		2=never married/lived in marital-like relationship
	3=Native American, Eskimo, Aleut		6=2+ years + degree		3=separated
	4=Asian or Pacific Islander		7=Bachelor's degree		4=divorced
	5=Hispanic		8=Master's degree		5=widowed
			9=PhD, MD, or other higher degree		
RACEW	0=all others			MARSTM	0=other status
	1=White/Caucasian	EDUC4	1=HS grad or lower		1=currently married/living in marital-like relationship
			2=some college, but lt 2 yrs		
RACEB	0=all others		3=2+ yrs college + degree	MARSTN	0=other status
	1=Black/African-American		4=bachelor's degr or higher		1=never married/lived in marital-like relationship
RACEN	0=all others	EDUCHS	0=all others	MARSTS	0=other status
	1=Native American, Eskimo, Aleut		1=HS grad or lower		1=separated
RACEA	0=all others	EDUCSC	0=all others	MARSTD	0=other status
	1=Asian or Pacific Islander		1=some college, but < 2 yrs		1=divorced
RACEH	0=all others	EDUCAD	0=all others	OWNHM	0=definite no
	1=Hispanic		1=2+ yrs college + degree		1=definite yes
					2=unlikely (age <25)
		EDUCBA	0=all others		3=not at time, but owned post-trial
			1=bachelor's degr or higher		

DEMOGRAPHICS **Value Labels for Categorical and Dichotomous Variables (2/2)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
MARSTAT9	0=has always been single and not cohabited	LEDSEDUC	1=1st grade	LEDSBRTH	0=only
	1=currently married to first spouse		2=2nd grade		1=eldest
	2=cohabiting, no previous cohabitation		3=3rd grade		2=middle
	3=currently cohabiting		4=4th grade		3=youngest
	4= formally separated/divorced from spouse		5=5th grade		
	5=separated from cohabitee		6=6th grade	LEDSNUM	0
	6=previously widowed		7=7th grade		1
	7=previous cohabitee died		8=8th grade		2
	8=remarried		9=9th grade		3
			10=10th grade		4
LEDSRACE	1=White indigenous		11=11th grade		5
	2=Black indigenous		12=12th grade		6
	3=Asian		14=partial college, tech, business		7
	4=Hispanic		16=college graduate		8
	5=Other		17=partial grad. or professional		9 or more
			18=graduate or professional deg.		
			19=other	LEDSREL	0=none
			20=special education, 1-3 years		1=Catholic
			21=special education, 4-6 years		2=Protestant
			22=special education, 7+ years		3=Jewish
					4=Other

CHILDHOOD SES

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
chldses	*****CHILDHOOD SOCIOECONOMIC STATUS*****		
cses.edufthr	CSES: father's educational attainment	EDUC9	
cses.edumthr	CSES: mother's educational attainment		
cses.eduhipar	CSES: education of parent with more schooling		if (cses.edufthr ge cses.edumthr) cses.eduhipar = cses.edufthr; if (cses.edufthr lt cses.edumthr) cses.eduhipar = cses.edumthr.
cses.edufthryrs	CSES: father's educational attainment (years)		see educ.years for computation
cses.edumthryrs	CSES: mother's educational attainment (years)		
cses.own1	CSES: parents owned home at participant age 1	YES/NO	
cses.own2	CSES: parents owned home at participant age 2		
cses.own3	CSES: parents owned home at participant age 3		
cses.own4	CSES: parents owned home at participant age 4		
cses.own5	CSES: parents owned home at participant age 5		
cses.own6	CSES: parents owned home at participant age 6		
cses.own7	CSES: parents owned home at participant age 7		
cses.own8	CSES: parents owned home at participant age 8		
cses.own9	CSES: parents owned home at participant age 9		
cses.own10	CSES: parents owned home at participant age 10		
cses.own11	CSES: parents owned home at participant age 11		
cses.own12	CSES: parents owned home at participant age 12		
cses.own13	CSES: parents owned home at participant age 13		
cses.own14	CSES: parents owned home at participant age 14		
cses.own15	CSES: parents owned home at participant age 15		
cses.own16	CSES: parents owned home at participant age 16		
cses.own17	CSES: parents owned home at participant age 17		
cses.own18	CSES: parents owned home at participant age 18		
cses.yrs12own	CSES: total yrs owned home, ages 1-12		cses.yrs12own = sum.12(cses.own1 to cses.own12).
cses.yrs18own	CSES: total yrs owned home, ages 1-18		cses.yrs18own = sum.12(cses.own1 to cses.own18).

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HEALTH PRACTICES

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
HLTHPRCT	*****BEGIN HEALTH PRACTICES DATA*****		
smk	*****SMOKING*****		
smk.now	SMK: current smoker	YES/NO	
smk.numcig	SMK: avg # cigarettes smoked per day		
smk.numcgr	SMK: avg # cigars smoked per day		
smk.numtob	SMK: avg # bowls tobacco smoked per day		
smk.mins	SMK: minutes after wake-up have first smoke		
smk.ever	SMK: ever smoke on a daily basis	YES/NO	
smk.xnmcig	SMK: avg # cigarettes used to smoke per day		
smk.xnmcgr	SMK: avg # cigars used to smoke per day		
smk.xnmtob	SMK: avg # bowls tobacco used to smoke per day		
smk.qtdate	SMK: when quit smoking (date format)		
alc	*****ALCOHOL CONSUMPTION*****		
alc.now	ALC: current drinker	YES/NO	
alc.wkdays_raw	ALC: # weekdays drink alcohol (RAW)	WKDAY	
alc.wkdrnks_raw	ALC: avg # alcoholic drinks on weekdays (RAW)		
alc.wndays_raw	ALC: # weekend days drink alcohol (RAW)	WNDAY	
alc.wndrnks_raw	ALC: avg # alcoholic drinks on weekend days (RAW)		
alc.ever	ALC: ever drink alcohol at least once a week	YES/NO	
alc.xdays	ALC: avg # days/week used to drink		
alc.xdrnks	ALC: avg # drinks/day used to drink		
alc.qtdate	ALC: date quit drinking (date format)		
alc.wkdays	ALC: #weekdays drink alcohol (occasional drinkers = 0)		if (alc.wkdays_raw lt 6) alc.wkdays = alc.wkdays_raw; if (alc.wkdays_raw = 6) alc.wkdays = 0.
alc.wndays	ALC: #weekend days drink alcohol (occasional drinkers = 0)		if (alc.wndays_raw lt 6) alc.wndays = alc.wndays_raw; if (alc.wndays_raw = 6) alc.wndays = 0.
alc.occwk	ALC: occasional weekday drinker (computed)	YES/NO	if (alc.wkdays_raw = 6) alc.occwk = 1; if (alc.wkdays_raw lt 6) alc.occwk = 0.
alc.occwn	ALC: occasional weekend day drinker (computed)	YES/NO	if (alc.wndays_raw = 6) alc.occwn = 1; if (alc.wndays_raw >0 and alc.wndays_raw ≤ 2) alc.occwn = 0.

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
alc.wkdrnks			if (alc.wkdays_raw ≥1 and alc.wkdays_raw ≤5) alc.wkdrnks = alc.wkdrnks_raw; if (alc.wkdays_raw = 0 or alc.wkdays_raw = 6) alc.wkdrnks = 0.
alc.wndrnks			if (alc.wndays_raw = 1 or alc.wndays_raw = 2) alc.wndrnks = alc.wndrnks_raw; if (alc.wndays_raw = 0 or alc.wndays_raw = 6) alc.wndrnks = 0.
alc.totdays	ALC: total drinking days (computed) per 7-day week		alc.totdays = sum(alc.wkdays, alc.wndays)
alc.totdrnks	ALC: total drinks consumed (computed) per 7-day week		alc.totdrnks = sum(alc.wkdrnks, alc.wndrnks).
phys	*****PHYSICAL ACTIVITY*****		
act.exer	ACT: exercise weekly	YES/NO	
act.exdays	ACT: days per week of exercise		
act.exmin	ACT: minutes per day of exercise		
act.minwk	ACT: minutes per week of exercise		
act.exert	ACT: usual level of exertion during exercise (0=none, 10=max)		
slp	*****SELF-REPORTED SLEEP*****		
psqi.bdtm	PSQI: usual bedtime during past month		
psqi.wktm	PSQI: usual wake-up time during past month		
psqi.flslp	PSQI: usual time (minutes) taken to fall asleep in past month		
Psqi.lstpm	PSQI: sleep lost b/c of middle of night wake up in past month (min)		
Psqi.lstam	PSQI: sleep lost b/c of early wake up in past month (min)		
psqi.slqul	PSQI: overall sleep quality in past month	PSQIQUL	
psqi.bedtime	PSQI: usual bedtime in past month (24-hr time)		
psqi.waketim	PSQI: usual wake-time in past month (24-hr time)		
psqi.minbed	PSQI: calculated total minutes spent in bed		psqi.minbed = datediff(psqi.waketim, psqi.bedtime, "minutes"). NOTE: if (psqi.minbed lt 0) psqi.minbed = psqi.minbed+1440.
psqi.hrsbed	PSQI: calculated total hours spent in bed		psqi.hrsbed = psqi.minbed/60
Psqi.minlost	PSQI: calculated minutes of sleep lost		psqi.minlost = sum.3(psqi.flslp, psqi.lstpm, psqi.lstam).
Psqi.hrslost	PSQI: calculated hours of sleep lost		psqi.hrslost = psqi.minlost/60
Psqi.duration	PSQI: sleep duration (hrs in bed - hrs sleep lost)		psqi.duration = (psqi.hrsbed-psqi.hrslost).
psqi.efficiency	PSQI: sleep efficiency		psqi.efficiency = [(psqi.hrsbed-psqi.hrslost)/psqi.hrsbed]*100.

HEALTH PRACTICES

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
diet	*****DIET*****		
kcal	FFQ: total daily calories consumed (kcal)		
protein	FFQ: total protein (g)		
totfat	FFQ: total fat (g)		
carb	FFQ: total carbohydrate (g)		
calcium	FFQ: total calcium (mg) from food		
phosph	FFQ: total phosphorus (mg) from food		
iron	FFQ: total iron (mg) from food		
sodium	FFQ: total sodium (mg) from food		
potassm	FFQ: total potassium (mg) from food		
vita_iu	FFQ: vitamin A (IU) from food		
vita_re	FFQ: vitamin A (mcg RAE) from food		
thiamin	FFQ: vitamin B1 / thiamine (mg) from food		
riboflvn	FFQ: vitamin B2 / riboflavin (mg) from food		
niacin	FFQ: vitamin B3 / niacin (mg) from food		
vitc	FFQ: vitamin C (mg) from food		
satfat	FFQ: saturated fat (g)		
oleic	FFQ: oleic acid (g)		
linoleic	FFQ: linoleic acid (g)		
cholest	FFQ: dietary cholesterol (mg)		
fiber	FFQ: dietary fiber (g)		
folate	FFQ: folate / vitamin B9 (mcg) from food		
vite	FFQ: vitamin E (IU) from food		
zinc	FFQ: zinc (mg) from food - plant/fortified cereal		
zincmeat	FFQ: zinc (mg) from food - animal protein		
vitb6	FFQ: vitamin B6 (mg) from food		
magnesm	FFQ: magnesium (mg) from food		
alphcart	FFQ: alpha-carotene (mcg RAE) from food		
betacart	FFQ: beta-carotene (mcg RAE) from food		
crypto	FFQ: cryptoxanthin (mcg RAE) from food		

HEALTH PRACTICES

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
lutein	FFQ: lutein (mcg RAE) from food		
lycopene	FFQ: lycopene (mcg RAE) from food		
retinol	FFQ: retinol (mcg RAE) from food		
carotene	FFQ: carotene (mcg RAE) from food		
kcal_na	FFQ: daily calories (kcal) excluding alcohol		
prot_na	FFQ: daily protein (g) excluding alcohol		
totfat_na	FFQ: total fat (g) excluding alcohol		
carb_na	FFQ: carbohydrates (g) excluding alcohol		
phosph_na	FFQ: phosphorus (mg) excluding alcohol		
potass_na	FFQ: potassium (mg) excluding alcohol		
riboflv_na	FFQ: riboflavin (mg) excluding alcohol		
niacn_na	FFQ: niacin (mg) excluding alcohol		
vita_iu_sn	FFQ: vitamin A (IU) with adjustment for seasonality		
vita_re_sn	FFQ: vitamin A (mcg RAE) with adjustment for seasonality		
vitc_sn	FFQ: vitamin C (mg) with adjustment for seasonality		
fiber_sn	FFQ: dietary fiber (g) with adjustment for seasonality		
folate_sn	FFQ: folate (mcg) with adjustment for seasonality		
alphc_sn	FFQ: alpha-carotene (mcg RAE) w/ adjustment for seasonality		
betac_sn	FFQ: beta-carotene (mcg RAE) with adjustment for seasonality		
cryp_sn	FFQ: cryptoxanthin (mcg RAE) with adjustment for seasonality		
lutn_sn	FFQ: lutein (mcg RAE) with adjustment for seasonality		
lyco_sn	FFQ: lycopene (mcg RAE) with adjustment for seasonality		
retin_sn	FFQ: retinol (mcg RAE) with adjustment for seasonality		
carot_sn	FFQ: carotene (mcg RAE) with adjustment for seasonality		
gmfood	FFQ: total daily grams of solid food		
pctfat	FFQ: % daily calories from fat		
pctprot	FFQ: % daily calories from protein		
pctcarb	FFQ: % daily calories from carbohydrates		
pctsweet	FFQ: % daily calories from sweets		
pctalc	FFQ: % daily calories from alcohol		

HEALTH PRACTICES

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pctfat_na	FFQ: % daily non-alcohol calories from fat		
pctprot_na	FFQ: % daily non-alcohol calories from protein		
pctcarb_na	FFQ: % daily non-alcohol calories from carbohydrates		
fibr_bean	FFQ: fiber from beans (g)		
fibr_vegfr	FFQ: fiber from fruits and vegetables (g)		
fibr_grain	FFQ: fiber from grains (g)		
supvita	FFQ: vitamin A (IU) from supplements		
supvitc	FFQ: vitamin C (mg) from supplements		
supvitd	FFQ: vitamin D (IU) from supplements		
supvite	FFQ: vitamin E (IU) from supplements		
supiron	FFQ: iron (mg) from supplements		
supcalc	FFQ: calcium (mg) from supplements		
supzinc	FFQ: zinc (mg) from supplements		
supbeta	FFQ: beta-carotene (mcg RAE) from supplements		
supb1b2	FFQ: vitamin B1 or B2 (mg) from supplements		
supb6	FFQ: vitamin B6 (mg) from supplements		
supb12	FFQ: vitamin B12 (mcg) from supplements		
supfolat	FFQ: folate/folic acid (mcg) from supplements		
supcopr	FFQ: copper (mg) from supplements		
freqveg	FFQ: vegetables (servings per day)		
freqfrt	FFQ: fruit and fruit juice (servings per day)		
freqbread	FFQ: bread, cereals, rice, and pasta (servings per day)		
freqdairy	FFQ: milk, yogurt, and cheese (servings per day)		
freqmeat	FFQ: meat, fish, poultry, beans, and eggs (servings per day)		
freqfats	FFQ: fats and oils (servings per day)		
freqylveg	FFQ: yellow and leafy green vegetables (servings per day)		
freqcitrs	FFQ: citrus fruits and juices (servings per day)		
varveg	FFQ: vegetables (# different types/week)		
varfrt	FFQ: fruits and juices (# different types/week)		
varbread	FFQ: breads, cereals, etc. (# different types/week)		

HEALTH PRACTICES

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
vardairy	FFQ: dairy products (# different types/week)		
varmeat	FFQ: meats, etc. (# different types/week)		
varfats	FFQ: fats and sweets (# different types/week)		
zincfood	FFQ: total zinc (mg) from food - plant and animal		
totvita_iu	FFQ: total vitamin A (IU) - food and supplements		
totvitc	FFQ: total vitamin C (mg) - food and supplements		
totvite	FFQ: total vitamin E (IU) - food and supplements		
totiron	FFQ: total iron (mg) - food and supplements		
totcalc	FFQ: total calcium (mg) - food and supplements		
totzinc	FFQ: total zinc (mg) - food and supplements		
totbetac	FFQ: total beta-carotene (mcg RAE) - food and supplements		
totvitb6	FFQ: total vitamin B6 (mg) - food and supplements		
totfolate	FFQ: total folate/folic acid (mcg) - food and supplements		
gooddiet	Case had good diet data	YES/NO	
dieterror	Case had severe error in data	YES/NO	

HEALTH PRACTICES **Value Labels for Categorical and Dichotomous Variables**

CODE	VALUE LABELS	CODE	VALUE LABELS
YES/NO	0=no	WNDAY	0=never drink on a weekend day
	1=yes		1=1 day
			2=both days
WKDAY	0=never drink on a weekday		6=occasionally drink on a weekend day
	1=1 day		
	2=2 days	PSQIQUL	0=very good
	3=3 days		1=fairly good
	4=4 days		2=fairly bad
	5=5 days		3=very bad
	6=occasionally drink on a weekday		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
PSYCHSOC	*****BEGIN PSYCHOLOGICAL AND SOCIAL DATA*****		
taq	*****TRAIT ADJECTIVE DATA*****		
taq.untlk.1	TAQ (7-8 wks pre-Quarantine): untalkative	ACC04	
taq.genrs.1	TAQ (7-8 wks pre-Quarantine): generous		
taq.orgnz.1	TAQ (7-8 wks pre-Quarantine): organized		
taq.anx.1	TAQ (7-8 wks pre-Quarantine): anxious		
taq.innov.1	TAQ (7-8 wks pre-Quarantine): innovative		
taq.actv.1	TAQ (7-8 wks pre-Quarantine): active		
taq.happy.1	TAQ (7-8 wks pre-Quarantine): happy		
taq.tired.1	TAQ (7-8 wks pre-Quarantine): tired		
taq.fear.1	TAQ (7-8 wks pre-Quarantine): fearful		
taq.ineff.1	TAQ (7-8 wks pre-Quarantine): inefficient		
taq.rsntfl.1	TAQ (7-8 wks pre-Quarantine): resentful		
taq.unimg.1	TAQ (7-8 wks pre-Quarantine): unimaginative		
taq.pepy.1	TAQ (7-8 wks pre-Quarantine): peppy		
taq.sad.1	TAQ (7-8 wks pre-Quarantine): sad		
taq.extrv.1	TAQ (7-8 wks pre-Quarantine): extraverted		
taq.plsnt.1	TAQ (7-8 wks pre-Quarantine): pleasant		
taq.dsorg.1	TAQ (7-8 wks pre-Quarantine): disorganized		
taq.tense.1	TAQ (7-8 wks pre-Quarantine): tense		
taq.bshfl.1	TAQ (7-8 wks pre-Quarantine): bashful		
taq.kind.1	TAQ (7-8 wks pre-Quarantine): kind		
taq.slugg.1	TAQ (7-8 wks pre-Quarantine): sluggish		
taq.exctd.1	TAQ (7-8 wks pre-Quarantine): excited		
taq.tchy.1	TAQ (7-8 wks pre-Quarantine): touchy		
taq.intrsp.1	TAQ (7-8 wks pre-Quarantine): introspective		
taq.lvly.1	TAQ (7-8 wks pre-Quarantine): lively		
taq.unhpy.1	TAQ (7-8 wks pre-Quarantine): unhappy		
taq.shy.1	TAQ (7-8 wks pre-Quarantine): shy		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
taq.rude.1	TAQ (7-8 wks pre-Quarantine): rude	ACC04	
taq.neat.1	TAQ (7-8 wks pre-Quarantine): neat		
taq.tlktv.1	TAQ (7-8 wks pre-Quarantine): talkative		
taq.crtv.1	TAQ (7-8 wks pre-Quarantine): creative		
taq.syst.1	TAQ (7-8 wks pre-Quarantine): systematic		
taq.inact.1	TAQ (7-8 wks pre-Quarantine): inactive		
taq.timid.1	TAQ (7-8 wks pre-Quarantine): timid		
taq.unsym.1	TAQ (7-8 wks pre-Quarantine): unsympathetic		
taq.irrt.1	TAQ (7-8 wks pre-Quarantine): irritable		
taq.intll.1	TAQ (7-8 wks pre-Quarantine): intelligent		
taq.enths.1	TAQ (7-8 wks pre-Quarantine): enthusiastic		
taq.calm.1	TAQ (7-8 wks pre-Quarantine): calm		
taq.blue.1	TAQ (7-8 wks pre-Quarantine): blue		
taq.pssv.1	TAQ (7-8 wks pre-Quarantine): passive		
taq.hrsh.1	TAQ (7-8 wks pre-Quarantine): harsh		
taq.uncrtv.1	TAQ (7-8 wks pre-Quarantine): uncreative		
taq.rlxd.1	TAQ (7-8 wks pre-Quarantine): relaxed		
taq.intns.1	TAQ (7-8 wks pre-Quarantine): intense		
taq.intrv.1	TAQ (7-8 wks pre-Quarantine): introverted		
taq.coprtv.1	TAQ (7-8 wks pre-Quarantine): cooperative		
taq.imprct.1	TAQ (7-8 wks pre-Quarantine): impractical		
taq.phil.1	TAQ (7-8 wks pre-Quarantine): philosophical		
taq.deprs.1	TAQ (7-8 wks pre-Quarantine): depressed		
taq.ease.1	TAQ (7-8 wks pre-Quarantine): at ease		
taq.unknd.1	TAQ (7-8 wks pre-Quarantine): unkind		
taq.thoro.1	TAQ (7-8 wks pre-Quarantine): thorough		
taq.chrfl.1	TAQ (7-8 wks pre-Quarantine): cheerful		
taq.imgn.1	TAQ (7-8 wks pre-Quarantine): imaginative		
taq.nervs.1	TAQ (7-8 wks pre-Quarantine): nervous		
taq.unsys.1	TAQ (7-8 wks pre-Quarantine): unsystematic		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
taq.wrmhrt.1	TAQ (7-8 wks pre-Quarantine): warm-hearted	ACC04	
taq.bored.1	TAQ (7-8 wks pre-Quarantine): bored		
taq.quiet.1	TAQ (7-8 wks pre-Quarantine): quiet		
taq.plsd.1	TAQ (7-8 wks pre-Quarantine): pleased		
taq.untlk.2	TAQ (Quarantine Day 0): untalkative		
taq.genrs.2	TAQ (Quarantine Day 0): generous		
taq.orgnz.2	TAQ (Quarantine Day 0): organized		
taq.anx.2	TAQ (Quarantine Day 0): anxious		
taq.innov.2	TAQ (Quarantine Day 0): innovative		
taq.actv.2	TAQ (Quarantine Day 0): active		
taq.happy.2	TAQ (Quarantine Day 0): happy		
taq.tired.2	TAQ (Quarantine Day 0): tired		
taq.fear.2	TAQ (Quarantine Day 0): fearful		
taq.ineff.2	TAQ (Quarantine Day 0): inefficient		
taq.rsntfl.2	TAQ (Quarantine Day 0): resentful		
taq.unimg.2	TAQ (Quarantine Day 0): unimaginative		
taq.pepy.2	TAQ (Quarantine Day 0): peppy		
taq.sad.2	TAQ (Quarantine Day 0): sad		
taq.extrv.2	TAQ (Quarantine Day 0): extraverted		
taq.plsnt.2	TAQ (Quarantine Day 0): pleasant		
taq.dsorg.2	TAQ (Quarantine Day 0): disorganized		
taq.tense.2	TAQ (Quarantine Day 0): tense		
taq.bshfl.2	TAQ (Quarantine Day 0): bashful		
taq.kind.2	TAQ (Quarantine Day 0): kind		
taq.slugg.2	TAQ (Quarantine Day 0): sluggish		
taq.exctd.2	TAQ (Quarantine Day 0): excited		
taq.tchy.2	TAQ (Quarantine Day 0): touchy		
taq.intrsp.2	TAQ (Quarantine Day 0): introspective		
taq.lvly.2	TAQ (Quarantine Day 0): lively		
taq.unhpy.2	TAQ (Quarantine Day 0): unhappy		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
taq.shy.2	TAQ (Quarantine Day 0): shy	ACC04	
taq.rude.2	TAQ (Quarantine Day 0): rude		
taq.neat.2	TAQ (Quarantine Day 0): neat		
taq.tlktv.2	TAQ (Quarantine Day 0): talkative		
taq.crtv.2	TAQ (Quarantine Day 0): creative		
taq.syst.2	TAQ (Quarantine Day 0): systematic		
taq.inact.2	TAQ (Quarantine Day 0): inactive		
taq.timid.2	TAQ (Quarantine Day 0): timid		
taq.unsym.2	TAQ (Quarantine Day 0): unsympathetic		
taq.irrt.2	TAQ (Quarantine Day 0): irritable		
taq.intll.2	TAQ (Quarantine Day 0): intelligent		
taq.enths.2	TAQ (Quarantine Day 0): enthusiastic		
taq.calm.2	TAQ (Quarantine Day 0): calm		
taq.blue.2	TAQ (Quarantine Day 0): blue		
taq.pssv.2	TAQ (Quarantine Day 0): passive		
taq.hrsh.2	TAQ (Quarantine Day 0): harsh		
taq.uncrtv.2	TAQ (Quarantine Day 0): uncreative		
taq.rlxd.2	TAQ (Quarantine Day 0): relaxed		
taq.intns.2	TAQ (Quarantine Day 0): intense		
taq.intrv.2	TAQ (Quarantine Day 0): introverted		
taq.coprtv.2	TAQ (Quarantine Day 0): cooperative		
taq.imprct.2	TAQ (Quarantine Day 0): impractical		
taq.phil.2	TAQ (Quarantine Day 0): philosophical		
taq.deprs.2	TAQ (Quarantine Day 0): depressed		
taq.ease.2	TAQ (Quarantine Day 0): at ease		
taq.unknd.2	TAQ (Quarantine Day 0): unkind		
taq.thoro.2	TAQ (Quarantine Day 0): thorough		
taq.chrfl.2	TAQ (Quarantine Day 0): cheerful		
taq.imgn.2	TAQ (Quarantine Day 0): imaginative		
taq.nervs.2	TAQ (Quarantine Day 0): nervous		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
taq.unsys.2	TAQ (Quarantine Day 0): unsystematic	ACC04	
taq.wrmhrt.2	TAQ (Quarantine Day 0): warm-hearted		
taq.bored.2	TAQ (Quarantine Day 0): bored		
taq.quiet.2	TAQ (Quarantine Day 0): quiet		
taq.plsd.2	TAQ (Quarantine Day 0): pleased		
taq.slugg.3	TAQ (Quarantine Day 1): sluggish		
taq.happy.3	TAQ (Quarantine Day 1): happy		
taq.hostl.3	TAQ (Quarantine Day 1): hostile		
taq.ease.3	TAQ (Quarantine Day 1): at ease		
taq.unhpy.3	TAQ (Quarantine Day 1): unhappy		
taq.fpep.3	TAQ (Quarantine Day 1): full of pep		
taq.fear.3	TAQ (Quarantine Day 1): fearful		
taq.tired.3	TAQ (Quarantine Day 1): tired		
taq.edge.3	TAQ (Quarantine Day 1): on edge		
taq.enrg.3	TAQ (Quarantine Day 1): energetic		
taq.deprs.3	TAQ (Quarantine Day 1): depressed		
taq.nervs.3	TAQ (Quarantine Day 1): nervous		
taq.plsd.3	TAQ (Quarantine Day 1): pleased		
taq.sad.3	TAQ (Quarantine Day 1): sad		
taq.frght.3	TAQ (Quarantine Day 1): frightened		
taq.slpy.3	TAQ (Quarantine Day 1): sleepy		
taq.calm.3	TAQ (Quarantine Day 1): calm		
taq.afrd.3	TAQ (Quarantine Day 1): afraid		
taq.angry.3	TAQ (Quarantine Day 1): angry		
taq.lvly.3	TAQ (Quarantine Day 1): lively		
taq.tense.3	TAQ (Quarantine Day 1): tense		
taq.chrfl.3	TAQ (Quarantine Day 1): cheerful		
taq.fatig.3	TAQ (Quarantine Day 1): fatigued		
taq.rlxd.3	TAQ (Quarantine Day 1): relaxed		
taq.rsntfl.3	TAQ (Quarantine Day 1): resentful		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ta.rude.1_r	TAQ (7-8 wks pre-Quarantine): rude - reversed	ACC04R	
ta.unsym.1_r	TAQ (7-8 wks pre-Quarantine): unsympathetic - reversed		
ta.hrsh.1_r	TAQ (7-8 wks pre-Quarantine): harsh - reversed		
ta.unknd.1_r	TAQ (7-8 wks pre-Quarantine): unkind - reversed		
ta.ineff.1_r	TAQ (7-8 wks pre-Quarantine): inefficient - reversed		
ta.dsorg.1_r	TAQ (7-8 wks pre-Quarantine): disorganized - reversed		
ta.imprct.1_r	TAQ (7-8 wks pre-Quarantine): impractical - reversed		
ta.unsys.1_r	TAQ (7-8 wks pre-Quarantine): unsystematic - reversed		
ta.anx.1_r	TAQ (7-8 wks pre-Quarantine): anxious - reversed		
ta.rsntfl.1_r	TAQ (7-8 wks pre-Quarantine): resentful - reversed		
ta.sad.1_r	TAQ (7-8 wks pre-Quarantine): sad - reversed		
ta.tense.1_r	TAQ (7-8 wks pre-Quarantine): tense - reversed		
ta.tchy.1_r	TAQ (7-8 wks pre-Quarantine): touchy - reversed		
ta.irrt.1_r	TAQ (7-8 wks pre-Quarantine): irritable - reversed		
ta.deprs.1_r	TAQ (7-8 wks pre-Quarantine): depressed - reversed		
ta.nervs.1_r	TAQ (7-8 wks pre-Quarantine): nervous - reversed		
ta.untlk.1_r	TAQ (7-8 wks pre-Quarantine): untalkative - reversed		
ta.bshfl.1_r	TAQ (7-8 wks pre-Quarantine): bashful - reversed		
ta.shy.1_r	TAQ (7-8 wks pre-Quarantine): shy - reversed		
ta.timid.1_r	TAQ (7-8 wks pre-Quarantine): timid - reversed		
ta.intrv.1_r	TAQ (7-8 wks pre-Quarantine): introverted - reversed		
ta.quiet.1_r	TAQ (7-8 wks pre-Quarantine): quiet - reversed		
ta.unimg.1_r	TAQ (7-8 wks pre-Quarantine): unimaginative - reversed		
ta.uncrtv.1_r	TAQ (7-8 wks pre-Quarantine): uncreative - reversed		
ta.rude.2_r	TAQ (Quarantine Day 0): rude - reversed		
ta.unsym.2_r	TAQ (Quarantine Day 0): unsympathetic - reversed		
ta.hrsh.2_r	TAQ (Quarantine Day 0): harsh - reversed		
ta.unknd.2_r	TAQ (Quarantine Day 0): unkind - reversed		
ta.ineff.2_r	TAQ (Quarantine Day 0): inefficient - reversed		
ta.dsorg.2_r	TAQ (Quarantine Day 0): disorganized - reversed		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ta.imprct.2_r	TAQ (Quarantine Day 0): impractical - reversed	ACC04R	
ta.unsys.2_r	TAQ (Quarantine Day 0): unsystematic - reversed		
ta.anx.2_r	TAQ (Quarantine Day 0): anxious - reversed		
ta.rsntfl.2_r	TAQ (Quarantine Day 0): resentful - reversed		
ta.sad.2_r	TAQ (Quarantine Day 0): sad - reversed		
ta.tense.2_r	TAQ (Quarantine Day 0): tense - reversed		
ta.tchy.2_r	TAQ (Quarantine Day 0): touchy - reversed		
ta.irrt.2_r	TAQ (Quarantine Day 0): irritable - reversed		
ta.deprs.2_r	TAQ (Quarantine Day 0): depressed - reversed		
ta.nervs.2_r	TAQ (Quarantine Day 0): nervous - reversed		
ta.untlk.2_r	TAQ (Quarantine Day 0): untalkative - reversed		
ta.bshfl.2_r	TAQ (Quarantine Day 0): bashful - reversed		
ta.shy.2_r	TAQ (Quarantine Day 0): shy - reversed		
ta.timid.2_r	TAQ (Quarantine Day 0): timid - reversed		
ta.intrv.2_r	TAQ (Quarantine Day 0): introverted - reversed		
ta.quiet.2_r	TAQ (Quarantine Day 0): quiet - reversed		
ta.unimg.2_r	TAQ (Quarantine Day 0): unimaginative - reversed		
ta.uncrtv.2_r	TAQ (Quarantine Day 0): uncreative - reversed		
tas	*****TRAIT AFFECT SCALE VARIABLES*****		
tas.calmscr.1	TAS: Calm Subscale Score (7-8 wks pre-Quarantine)		tas.calmscr.1=mean.2(taq.calm.1, taq.rlxd.1, taq.ease.1)*3.
tas.vigscr.1	TAS: Vigor Subscale Score (7-8 wks pre-Quarantine)		tas.vigscr.1=mean.2(taq.pepy.1, taq.lvly.1, taq.enths.1)*3.
tas.anxscr.1	TAS: Anxiety Subscale Score (7-8 wks pre-Quarantine)		tas.anx.1=mean.2(taq.anx.1, taq.tense.1, taq.nervs.1)*3.
tas.dprsscr.1	TAS: Depression Subscale Score (7-8 wks pre-Quarantine)		tas.dprsscr.1=mean.3(taq.sad.1, taq.deprs.1,taq.unhpy.1, taq.blue.1)*4.
tas.wlbgscr.1	TAS: Well-Being Subscale Score (7-8 wks pre-Quarantine)		tas.wlbgscr.1=mean.2(taq.happy.1, taq.chrfl.1, taq.plsd.1)*3.
tas.posaf.1	TAS: Trait Affect Scale - Positive Affect (7-8 wks pre-Q'rntine)		tas.posaf.1 = sum.3(tas.vigscr.1, tas.wlbgscr.1, tas.calmscr.1).
tas.negaf.1	TAS: Trait Affect Scale - Negative Affect - Anxiety & Depression only - (7-8 wks pre-Quarantine)		tas.negaf.1 = sum.2(tas.anxscr.1, tas.dprsscr.1)
tas.calmscr.2	TAS: Calm Subscale Score (Quarantine Day 0)		tas.calmscr.2=mean.2(taq.calm.2, taq.rlxd.2, taq.ease.2)*3.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
tas.vigscr.2	TAS: Vigor Subscale Score (Quarantine Day 0)		tas.vigscr.2=mean.2(taq.pepy.2, taq.lvly.2, taq.enths.2)*3.
tas.anxscr.2	TAS: Anxiety Subscale Score (Quarantine Day 0)		tas.anx.2=mean.2(taq.anx.2, taq.tense.2, taq.nervs.2)*3.
tas.dprsscr.2	TAS: Depression Subscale Score (Quarantine Day 0)		tas.dprsscr.2=mean.3(taq.sad.2, taq.deprs.2,taq.unhpy.2, taq.blue.2)*4.
tas.wlbgscr.2	TAS: Well-Being Subscale Score (Quarantine Day 0)		tas.wlbgscr.2=mean.2(taq.happy.2, taq.chrfl.2, taq.plsd.2)*3.
tas.posaf.2	TAS: Trait Affect Scale - Positive Affect (Quarantine Day 0)		tas.posaf.2 = sum.3(tas.vigscr.2, tas.wlbgscr.2, tas.calmscr.2).
tas.negaf.2	TAS: Trait Affect Scale - Negative Affect - Anxiety & Depression only - (Quarantine Day 0)		tas.negaf.2 = sum.2(tas.anxscr.2, tas.dprsscr.2)
tas.calmscr.3	TAS: Calm Subscale Score (Quarantine Day 1)		tas.calmscr.3=mean.2(taq.calm.3, taq.rlxd.3, taq.ease.3).
tas.vigscr.3	TAS: Vigor Subscale Score (Quarantine Day 1)		tas.vigscr.3=mean.2(taq.pepy.3, taq.lvly.3, taq.enths.3).
tas.anxscr.3	TAS: Anxiety Subscale Score (Quarantine Day 1)		tas.anx.3=mean.2(taq.anx.3, taq.tense.3, taq.nervs.3).
tas.fatigscr.3	TAS: Fatigue Subscale Score (Quarantine Day 1)		tas.fatigscr.3=mean.3(taq.slugg.3, taq.tired.3, taq.slpy.3, taq.fatig.3).
tas.dprsscr.3	TAS: Depression Subscale Score (Quarantine Day 1)		tas.dprsscr.3=mean.3(taq.sad.3, taq.deprs.3,taq.unhpy.3, taq.blue.3).
tas.angscr.3	TAS: Anger Subscale Score (Quarantine Day 1)		tas.angscr.3=mean.2(taq.hostl.3, taq.angry.3, taq.rsntfl.3).
tas.wlbgscr.3	TAS: Well-Being Subscale Score (Quarantine Day 1)		tas.wlbgscr.3=mean.2(taq.happy.3, taq.chrfl.3, taq.plsd.3).
tas.fearscr.3	TAS: Fearfulness Subscale Score (Quarantine Day 1)		tas.fearscr.3=mean.2(taq.fear.3, taq.frght.3, taq.afrd.3).
tas.posaf.3	TAS: Trait Affect Scale - Positive Affect (Quarantine Day 1)		tas.posaf.3 = sum.3(tas.calmscr.3, tas.vigscr.3, tas.wlbgscr.3).
tas.negaf.3	TAS: Trait Affect Scale - Negative Affect (Quarantine Day 1)		tas.negaf.3 = sum.3(tas.anxscr.3, tas.angscr.3, tas.dprsscr.3).
tas.negftg.3	TAS: Trait Affect Scale - Negative Affect + Fatigue (Q' Day 1)		tas.negftg.3 = sum.4(tas.anxscr.3, tas.angscr.3, tas.dprsscr.3, tas.fatigscr.3).
tas.anxscr	TAS: Anxiety Subscale Score (avg of 3 Administrations)		tas.anxscr = mean.2(tas.anxscr.1, tas.anxscr.2, tas.anxscr.3).
tas.dprsscr	TAS: Depression Subscale Score (avg of 3 Administrations)		tas.dprsscr = mean.2(tas.dprsscr.1, tas.dprsscr.2, tas.dprsscr.3).
tas.vigscr	TAS: Vigor Subscale Score (avg of 3 Administrations)		tas.vigscr = mean.2(tas.vigscr.1, tas.vigscr.2, tas.vigscr.3).
tas.wlbgscr	TAS: Well-Being Subscale Score (avg of 3 Administrations)		tas.wlbgscr = mean.2(tas.wlbgscr.1, tas.wlbgscr.2, tas.wlbgscr.3).
tas.calmscr	TAS: Calm Subscale Score (avg of 3 Administrations)		tas.calmscr = mean.2(tas.calmscr.1, tas.calmscr.2, tas.calmscr.3).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
affcrc	*****AFFECT CIRCUMPLEX VARIABLES*****		
ldc.hiact.1	Larsen & Diener Crc: high activation (7-8 wks pre-Q')		ldc.hiact.1 = mean.2(taq.actv.1, taq.intns.1, taq.exctd.1)*3.
ldc.actpls.1	Larsen & Diener Crc: activated pleasant (7-8 wks pre-Q')		ldc.actpls.1 = mean.2(taq.lvly.1, taq.pepy.1, taq.enths.1)*3.
ldc.plsnt.1	Larsen & Diener Crc: pleasant (7-8 wks pre-Quarantine)		ldc.plsnt.1 = mean.2(taq.happy.1, taq.wrmhrt.1, taq.plsd.1)*3.
ldc.unactpls.1	Larsen & Diener Crc: unactivated pleasant (7-8 wks pre-Q')		ldc.unactpls.1 = mean.2(taq.rlxd.1, taq.calm.1, taq.ease.1)*3.
ldc.loact.1	Larsen & Diener Crc: low activation (7-8 wks pre-Quarantine)		ldc.loact.1 = mean.2(taq.quiet.1, taq.inact.1, taq.pssv.1)*3.
ldc.unactun.1	Larsen & Diener Crc: unactivated unpleasant (7-8 wks pre-Q')		ldc.unactun.1 = mean.2(taq.tired.1, taq.slugg.1, taq.bored.1)*3.
ldc.unplsnt.1	Larsen & Diener Crc: unpleasant (7-8 wks pre-Quarantine)		ldc.unplsnt.1 = mean.2(taq.unhpy.1, taq.sad.1, taq.blue.1)*3.
ldc.actunpls.1	Larsen & Diener Crc: activated unpleasant (7-8 wks pre-Q')		ldc.actunpls.1 = mean.2(taq.fear.1, taq.nervs.1, taq.anx.1)*3.
ldc.hiact.2	Larsen & Diener Crc: high activation (Quarantine Day 0)		ldc.hiact.2 = mean.2(taq.actv.2, taq.intns.2, taq.exctd.2)*3.
ldc.actpls.2	Larsen & Diener Crc: activated pleasant (Quarantine Day 0)		ldc.actpls.2 = mean.2(taq.lvly.2, taq.pepy.2, taq.enths.2)*3.
ldc.plsnt.2	Larsen & Diener Crc: pleasant (Quarantine Day 0)		ldc.plsnt.2 = mean.2(taq.happy.2, taq.wrmhrt.2, taq.plsd.2)*3.
ldc.unactpls.2	Larsen & Diener Crc: unactivated pleasant (Q'rntine Day 0)		ldc.unactpls.2 = mean.2(taq.rlxd.2, taq.calm.2, taq.ease.2)*3.
ldc.loact.2	Larsen & Diener Crc: low activation (Quarantine Day 0)		ldc.loact.2 = mean.2(taq.quiet.2, taq.inact.2, taq.pssv.2)*3.
ldc.unactun.2	Larsen & Diener Crc: unactivated unpleasant (Q'rntine Day 0)		ldc.unactun.2 = mean.2(taq.tired.2, taq.slugg.2, taq.bored.2)*3.
ldc.unplsnt.2	Larsen & Diener Crc: unpleasant (Quarantine Day 0)		ldc.unplsnt.2 = mean.2(taq.unhpy.2, taq.sad.2, taq.blue.2)*3.
ldc.actunpls.2	Larsen & Diener Crc: activated unpleasant (Q'rntine Day 0)		ldc.actunpls.2 = mean.2(taq.fear.2, taq.nervs.2, taq.anx.2)*3.
ldc.hiact	Larsen & Diener Crc: high activation (avg 2 administrations)		ldc.hiact = mean(ldc.hiact.1, ldc.hiact.2).
ldc.actpls	Larsen & Diener Crc: activated pleasant (avg 2 admins)		ldc.actpls = mean(ldc.actpls.1, ldc.actpls.2).
ldc.plsnt	Larsen & Diener Crc: pleasant (avg 2 administrations)		ldc.plsnt = mean(ldc.plsnt.1, ldc.plsnt.2).
ldc.unactpls	Larsen & Diener Crc: unactivated pleasant (avg 2 admins)		ldc.unactpls = mean(ldc.unactpls.1, ldc.unactpls.2).
ldc.loact	Larsen & Diener Crc: low activation (avg 2 administrations)		ldc.loact = mean(ldc.loact.1, ldc.loact.2).
ldc.unactun	Larsen & Diener Crc: unactivated unpleasant (avg 2 admins)		ldc.unactun = mean(ldc.unactun.1, ldc.unactun.2).
ldc.unplsnt	Larsen & Diener Crc: unpleasant (avg 2 admins)		ldc.unplsnt = mean(ldc.unplsnt.1, ldc.unplsnt.2).
ldc.actunpls	Larsen & Diener Crc: activated unpleasant (avg 2 admins)		ldc.actunpls = mean(ldc.actunpls.1, ldc.actunpls.2).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
gb5	*****5 FACTOR PERSONALITY VARIABLES*****		
gb5.extrscr.1	GB5: Goldberg Big 5 - Extraversion (7-8 wks pre-Quarantine)		gb5.extrscr.1 = mean.6(taq.untlk.1_r, taq.quiet.1_r, taq.shy.1_r, taq.bshfl.1_r, taq.intrv.1_r, taq.timid.1_r, taq.tlktv.1, taq.extrv.1)*8.
gb5.agrbscr.1	GB5: Goldberg Big 5 - Agreeableness (7-8 wks pre-Q'rntine)		gb5.agrbscr.1 = mean.6(taq.kind.1, taq.hrsh.1_r, taq.genrs.1, taq.plsnt.1, taq.coprtv.1, taq.unknd.1_r, taq.unsym.1_r, taq.rude.1_r)*8.
gb5.consscr.1	GB5: Goldberg Big 5 - Conscientiousness (7-8 wks pre-Q')		gb5.consscr.1 = mean.6(taq.dsorg.1_r, taq.syst.1, taq.ineff.1_r, taq.imprct.1_r, taq.neat.1, taq.unsys.1_r, taq.orgnz.1, taq.thoro.1)*8.
gb5.emotscr.1	GB5: Goldberg Big 5 - Emotional Stability (7-8 wks pre-Q')		gb5.emotscr.1 = mean.6(taq.tense.1_r, taq.anx.1_r, taq.nervs.1_r, taq.irrt.1_r, taq.tchy.1_r, taq.deprs.1_r, taq.sad.1_r, taq.rsntfl.1_r)*8.
gb5.openscr.1	GB5: Goldberg Big 5 - Open to Experience (7-8 wks pre-Q')		gb5.openscr.1 = mean.6(taq.unimg.1_r, taq.uncrtv.1_r, taq.phil.1, taq.intll.1, taq.imgn.1, taq.crtv.1, taq.innov.1, taq.intrsp.1)*8.
gb5.extrscr.2	GB5: Goldberg Big 5 - Extraversion (Quarantine Day 0)		gb5.extrscr.2 = mean.6(taq.untlk.2_r, taq.quiet.2_r, taq.shy.2_r, taq.bshfl.2_r, taq.intrv.2_r, taq.timid.2_r, taq.tlktv.2, taq.extrv.2)*8.
gb5.agrbscr.2	GB5: Goldberg Big 5 - Agreeableness (Quarantine Day 0)		gb5.agrbscr.2 = mean.6(taq.kind.2, taq.hrsh.2_r, taq.genrs.2, taq.plsnt.2, taq.coprtv.2, taq.unknd.2_r, taq.unsym.2_r, taq.rude.2_r)*8.
gb5.consscr.2	GB5: Goldberg Big 5 - Conscientiousness (Quarantine Day 0)		gb5.consscr.2 = mean.6(taq.dsorg.2_r, taq.syst.2, taq.ineff.2_r, taq.imprct.2_r, taq.neat.2, taq.unsys.2_r, taq.orgnz.2, taq.thoro.2)*8.
gb5.emotscr.2	GB5: Goldberg Big 5 - Emotional Stability (Quarantine Day 0)		gb5.emotscr.2 = mean.6(taq.tense.2_r, taq.anx.2_r, taq.nervs.2_r, taq.irrt.2_r, taq.tchy.2_r, taq.deprs.2_r, taq.sad.2_r, taq.rsntfl.2_r)*8.
gb5.openscr.2	GB5: Goldberg Big 5 - Openness to Experience (Q' Day 0)		gb5.openscr.2 = mean.6(taq.unimg.2_r, taq.uncrtv.2_r, taq.phil.2, taq.intll.2, taq.imgn.2, taq.crtv.2, taq.innov.2, taq.intrsp.2)*8.
gb5.extravg	GB5: Goldberg Big 5 - Extraversion (avg 2 administrations)		gb5.extrscr = mean(gb5.extrscr.1, gb5.extrscr.2).
gb5.agrbavg	GB5: Goldberg Big 5 - Agreeableness (avg 2 administrations)		gb5.agrbscr = mean(gb5.agrbscr.1, gb5.agrbscr.2).
gb5.conscavg	GB5: Goldberg Big 5 - Conscientiousness (avg 2 admins)		gb5.consscr = mean(gb5.consscr.1, gb5.consscr.2).
gb5.emotavg	GB5: Goldberg Big 5 - Emotional Stability (avg 2 admins)		gb5.emotscr = mean(gb5.emotscr.1, gb5.emotscr.2).
gb5.openavg	GB5: Goldberg Big 5 - Open to Experience (avg 2 admins)		gb5.openscr = mean(gb5.openscr.1, gb5.openscr.2).

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
comm	*****COMMUNAL ORIENTATION*****		
comm1	COMM: item 1	LIKE15	
comm2	COMM: item 2		
comm3	COMM: item 3		
comm4	COMM: item 4		
comm5	COMM: item 5		
comm6	COMM: item 6		
comm7	COMM: item 7		
comm8	COMM: item 8		
comm9	COMM: item 9		
comm10	COMM: item 10		
comm11	COMM: item 11		
comm12	COMM: item 12		
comm13	COMM: item 13		
comm14	COMM: item 14		
comm3_r	COMM: item 3 (reversed)	LIKE15R	
comm4_r	COMM: item 4 (reversed)		
comm6_r	COMM: item 6 (reversed)		
comm9_r	COMM: item 9 (reversed)		
comm10_r	COMM: item 10 (reversed)		
comm12_r	COMM: item 12 (reversed)		
comm13_r	COMM: item 13 (reversed)		
comm.total	COMM: Communal Orientation - Total Score		comm.total = mean.12(comm1, comm2, comm3_r, comm4_r, comm5, comm6_r, comm7, comm8, comm9_r, comm10_r, comm11, comm12_r, comm13_r, comm14)*14.
comm.self	COMM: Communal Orientation - Communal Toward Self		comm.self = mean.3(comm1, comm7, comm11, comm14)*4.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
isel	*****INTERPERSONAL SUPPORT EVALUATION LIST (ISEL)*****		
isel.trip	ISEL: if go on a trip...have a hard time finding someone to go with me	TF03	
isel.fear	ISEL: no one I can share my most private worries and fears with		
isel.sick	ISEL: if sick...could easily find someone to help with daily chores		
isel.advc	ISEL: someone I can turn to for advice about problems with family		
isel.mvie	ISEL: if go to a movie...could easily find someone to go with me		
isel.pers	ISEL: need suggestions on how to deal w/personal problem...someone I can turn to		
isel.invt	ISEL: don't often get invited to do things w/others		
isel.lkaft	ISEL: if I had to go out of town...difficult to find someone who would look after my place		
isel.lnch	ISEL: if wanted to have lunch w/someone...could easily find someone to join me		
isel.strn	ISEL: if stranded 10 miles from home...someone I could call to come get me		
isel.fam	ISEL: if family crisis...difficult to find someone to give me good advice		
isel.help	ISEL: if needed help moving...would have a hard time finding someone to help		
isel.trip_r	ISEL: if go on a trip...have a hard time finding someone to go with me (reversed)	TF03R	
isel.fear_r	ISEL: no one I can share my most private worries and fears with (reversed)		
isel.invt_r	ISEL: don't often get invited to do things w/others (reversed)		
isel.lkaft_r	ISEL: if I had to go out of town...difficult to find someone who would look after...(reverse)		
isel.fam_r	ISEL: if family crisis...difficult to find someone to give me good advice (reversed)		
isel.help_r	ISEL: if needed help moving...would have a hard time finding someone to help (reversed)		
isel4appr	ISEL: 4-item Appraisal Support subscore		isel4apprs = mean.3(isel.fear_r, isel.advc, isel.pers, isel.fam_r)*4.
isel4belng	ISEL: 4-item Belonging Support subscore		isel4belng = mean.3(isel.trip_r, isel.mvie, isel.invt_r, isel.lnch)*4.
isel4tang	ISEL: 4-item Tangible Support subscore		isel4tang = mean.3(isel.sick, isel.lkaft_r, isel.strn, isel.help_r)*4.
isel12tot	ISEL: 12-item Overall Total Interpersonal Support		isel12tot = sum.3(isel4apprs, isel4belng, isel4tang).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
sni	*****SOCIAL NETWORK INVENTORY (SNI)*****		
sni.marstat	SNI: marital status	SNIMAR	
sni.hcc.spouse	SNI - high contact: spouse/partner	YES/NO	if (sni.marstat = 1) sni.hcc.spouse = 1; if (sni.marstat gt 1) sni.hcc.spouse = 0.
sni.chldrn	SNI: # children	SNINUM1	
sni.chldlvng	SNI: # children living with you	SNINUM1	
sni.hcc.chldrn	SNI - high contact: # children talk to ≥ every 2 wks	SNINUM1	
sni.parnts_raw	SNI: living parents (RAW)	SNIPAR	

sni.parnts	SNI: # living parents		if (sni.parnts_raw = 0) sni.parnts = 0.
			if (sni.parnts_raw = 1 or sni.parnts_raw = 2) sni.parnts = 1.
			if (sni.parnts_raw = 3) sni.parnts = 2.

sni.hcc.parnts_raw	SNI: parents talk with ≥ every 2 wks (RAW)	SNIPAR	
sni.hcc.parnts	SNI - high contact: # parents talk to ≥ every 2 wks		As above, substituting sni.hcc.parnts_raw for sni.parnts_raw
sni.inlaws_raw	SNI: living parents-in-law (RAW)	SNIINL	

sni.inlaws	SNI: # living parents-in-law		if (sni.inlaws_raw = 0) sni.inlaws = 0.
			if (sni.inlaws_raw = 1 or sni.inlaws_raw = 2) sni.inlaws = 1.
			if (sni.inlaws_raw = 3) sni.inlaws = 2.

sni.hcc.inlaws_raw	SNI: parents-in-law talk with ≥ every 2 wks (RAW)	SNIINL	
sni.hcc.inlaws	SNI - high contact: #parents-in-law talk to ≥ every 2 wks		As above, substituting sni.hcc.inlaws_raw for sni.inlaws_raw
sni.reltvs	SNI: # other close relatives	SNINUM1	
sni.hcc.reltvs	SNI - high contact: #close family talk to ≥ every 2 wks	SNINUM1	
sni.frnds	SNI: # close friends	SNINUM1	
sni.hcc.frnds	SNI - high contact: #close friends talk to ≥ every 2 wks	SNINUM1	
sni.church	SNI: belong to church, temple, or other religious group	YES/NO	
sni.chrchfrq	SNI: # times go to church, temple, relig grp per month	SNINUM1	
sni.hcc.chrch	SNI - high contact: #church members talk to ≥ every 2 wks	SNINUM1	
sni.othgrp	SNI: belong to other group	YES/NO	
sni.othgrpfrq	SNI: # times go to other group meetings per month	SNINUM1	
sni.hcc.othgrp_raw	SNI: # other group members talk w/ ≥every 2 wks (raw)		
sni.hcc.othgrp	SNI: # other group members you talk with ≥ every 2 wks	SNINUM1	if sni.hcc.othgrp_raw le 7 sni.hcc.othgrp = sni.hcc.othgrp_raw if sni.hcc.othgrp_raw gt 7 sni.hcc.othgrp = 7
sni.employ_raw	SNI: employed (RAW)	SNIEMP1	

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
sni.employed	SNI: any employment (computed)	SNIEMP2	if sni.employ_raw = 0 sni.employed = 0. if sni.employ_raw = 1 or sni.employ_raw = 2 sni.employed = 1.
sni.hcc.suprvs	SNI - high contact: # people you supervise at work	SNINUM1	
sni.hcc.cowrks	SNI - high contact: # coworkers talk with ≥ every 2 wks	SNINUM1	
sni.volgrp	SNI: belong to a volunteer group	YES/NO	
sni.hcc.volntrs	SNI - high contact: # fellow volunteers talk to ≥ every 2 wks	SNINUM1	
sni.class	SNI: attend classes	YES/NO	
sni.hcc.stdnts	SNI - high contact: #fellow students talk to ≥ every 2 wks	SNINUM1	
sni.hcc.nghbrs	SNI - high contact: # neighbors talk with ≥ every 2 wks	SNINUM2	
sni.hcr.married	SNI - high contact role: married/marriage like relationship	SNIROLE	if (sni.hcc.spouse = 1) sni.hcr.married = 1; if (sni.hcc.spouse = 0) sni.hcr.married = 0.
sni.hcr.parnt	SNI - high contact role: parent		if (sni.hcc.chldrn gt 0) sni.hcr.parnt = 1; if (sni.hcc.chldrn=0) sni.hcr.parnt = 0.
sni.hcr.child	SNI - high contact role: child		if (sni.hcc.parnts gt 0) sni.hcr.child = 1; if (sni.hcc.parnts = 0) sni.hcr.child = 0.
sni.hcr.inlaw	SNI - high contact role: child-in-law		if (sni.hcc.inlaws gt 0) sni.hcr.inlaw = 1; if (sni.hcc.inlaws = 0) sni.hcr.inlaw = 0.
sni.hcr.relat	SNI - high contact role: close relative		if (sni.hcc.reltvs gt 0) sni.hcr.relat = 1; if (sni.hcc.reltvs = 0) sni.hcr.relat = 0.
sni.hcr.frnd	SNI - high contact role: close friend		if (sni.hcc.frnds gt 0) sni.hcr.frnd = 1; if (sni.hcc.frnds = 0) sni.hcr.frnd = 0.
sni.hcr.chrch	SNI - high contact role: church/temple member		if (sni.hcc.chrch gt 0) sni.hcr.chrch = 1; if (sni.hcc.chrch = 0) sni.hcr.chrch = 0.
sni.hcr.othgrp	SNI - high contact role: other group member		if (sni.hcc.othgrp >0) sni.hcr.othgrp=1; if (sni.hcc.othgrp=0) sni.hcr.othgrp =0.
sni.hcr.suprv	SNI - high contact role: supervisor at work		if (sni.hcc.suprvs >0) sni.hcr.suprv =1; if (sni.hcc.suprvs = 0) sni.hcr.suprv = 0.
sni.hcr.cowrk	SNI - high contact role: coworker		if (sni.hcc.cowrks >0) sni.hcr.cowrk=1; if (sni.hcc.cowrks =0) sni.hcr.cowrk = 0.
sni.hcr.work	SNI - high contact role: work		if (sni.hcr.cowrk = 1 or sni.hcr.suprv = 1) sni.hcr.work = 1; if (sni.hcr.cowrk = 0 and sni.hcr.suprv = 0) sni.hcr.work = 0
sni.hcr.volntr	SNI - high contact role: volunteer		if (sni.hcc.volntrs >0) sni.hcr.volntr=1; if (sni.hcc.volntrs = 0) sni.hcr.volntr = 0.
sni.hcr.studnt	SNI - high contact role: student		if (sni.hcc.stdnts >0) sni.hcr.studnt=1; if (sni.hcc.stdnts = 0) sni.hcr.studnt = 0.
sni.hcr.nghbr	SNI - high contact role: neighbor		if (sni.hcc.nghbrs >0) sni.hcr.nghbr=1; if (sni.hcc.nghbrs=0) sni.hcr.nghbr = 0.
sni.integration	SNI: Social integration (total social roles)		sni.integration = sum(sni.hcr.married, sni.hcr.parnt, sni.hcr.child, sni.hcr.inlaw, sni.hcr.relat, sni.hcr.frnd, sni.hcr.chrch, sni.hcr.othgrp, sni.hcr.work, sni.hcr.volntr, sni.hcr.studnt, sni.hcr.nghbr).
sni.network	SNI: Total number of network members		sni.network = sum(sni.hcc.spouse, sni.hcc.parnts, sni.hcc.chldrn, sni.hcc.inlaws, sni.hcc.reltvs, sni.hcc.frnds, sni.hcc.chrch, sni.hcc.othgrp, sni.hcc.suprvs, sni.hcc.cowrks, sni.hcc.volntrs, sni.hcc.stdnts, sni.hcc.nghbrs).

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pwb	*****RYFF SCALES OF PSYCHOLOGICAL WELL-BEING*****		
pwb.em1	PWB: EM - feel I am in charge of the situation in which I live	AGR16	
pwb.pl1	PWB: PL - live life one day at a time...don't think about future		
pwb.pr1	PWB: PR - people see me as loving/affectionate		
pwb.sa1	PWB: SA - when I look at my life...I am pleased		
pwb.em2	PWB: EM - demands of life get me down		
pwb.pl2	PWB: PL - enjoy making plans for the future		
pwb.pr2	PWB: PR - maintaining close relationships is difficult/frustrating		
pwb.sa2	PWB: SA - I feel confident and positive about myself		
pwb.em3	PWB: EM - do not fit with people/community around me		
pwb.pl3	PWB: PL - tend to focus on present...future brings me problems		
pwb.pr3	PWB: PR - often feel lonely...have few close friends		
pwb.sa3	PWB: SA - many people I know have gotten more out of life than I have		
pwb.em4	PWB: EM - good at managing responsibilities of my daily life		
pwb.pl4	PWB: PL - my daily activities seem trivial/unimportant		
pwb.pr4	PWB: PR - enjoy personal and mutual conversations		
pwb.sa4	PWB: SA - I like most aspects of my personality		
pwb.em5	PWB: EM - often overwhelmed by my responsibilities		
pwb.pl5	PWB: PL - don't have a sense of what I'm trying to accomplish in life		
pwb.pr5	PWB: PR - don't have people who want to listen when I need to talk		
pwb.sa5	PWB: SA - made mistakes in past...but everything has worked out		
pwb.em6	PWB: EM - do a good job taking care of my finances/affairs		
pwb.pl6	PWB: PL - I am active in carrying out plans		
pwb.pr6	PWB: PR - most other people have more friends than I do		
pwb.sa6	PWB: SA - I feel disappointed about my achievements in life		
pwb.em7	PWB: EM - good at juggling my time		
pwb.pl7	PWB: PL - used to set goals...now seems a waste of time		
pwb.pr7	PWB: PR - people describe me as a giving person		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pwb.sa7	PWB: SA - attitude about self not as positive as most people's…	AGR16	
pwb.em8	PWB: EM - have difficulty arranging my life		
pwb.pl8	PWB: PL - some people wander aimlessly...I am not one of them		
pwb.pr8	PWB: PR - have not experienced many warm/trusting relationships		
pwb.sa8	PWB: SA - past had its ups and downs...but wouldn't want to change it		
pwb.em9	PWB: EM - have been able to build a home/lifestyle to my liking		
pwb.pl9	PWB: PL - feel I've done all there is to do in life		
pwb.pr9	PWB: PR - I can trust my friends...they can trust me		
pwb.sa9	PWB: SA - compare self to friends/acquaintances...feel good about who I am		
pwb.pl1_r	PWB: PL - live life one day at a time...don't think about future (rev)	AGR16R	
pwb.em2_r	PWB: EM - demands of life get me down (reversed)		
pwb.pr2_r	PWB: PR - maintaining close relationships difficult/frustrating (rev)		
pwb.em3_r	PWB: EM - do not fit with people/community around me (reversed)		
pwb.pl3_r	PWB: PL - focus on present...future brings problems (reversed)		
pwb.pr3_r	PWB: PR - often feel lonely...have few close friends (reversed)		
pwb.sa3_r	PWB: SA - many people I know have gotten more out of life (rev)		
pwb.pl4_r	PWB: PL - my daily activities seem trivial/unimportant (reversed)		
pwb.em5_r	PWB: EM - often overwhelmed by my responsibilities (reversed)		
pwb.pl5_r	PWB: PL - don't have a sense of what I'm trying to accomplish (rev)		
pwb.pr5_r	PWB: PR - don't have people who want to listen (reversed)		
pwb.pr6_r	PWB: PR - most people have more friends than I do (reversed)		
pwb.sa6_r	PWB: SA - feel disappointed about my achievements (reversed)		
pwb.pl7_r	PWB: PL - used to set goals...now seems a waste of time (reversed)		
pwb.sa7_r	PWB: SA - attitude about self not as positive as most people's (rev)		
pwb.em8_r	PWB: EM - have difficulty arranging my life (reversed)		
pwb.pr8_r	PWB: PR - not experienced many warm/trusting relationships (rev)		
pwb.pl9_r	PWB: PL - feel I've done all there is to do in life (reversed)		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pwb.accept	PWB-SA: Psychological Well-Being - Self-Acceptance Scale		pwb.accept = mean.7(pwb.sa1, pwb.sa2, pwb.sa3_r, pwb.sa4, pwb.sa5, pwb.sa6_r, pwb.sa7_r, pwb.sa8, pwb.sa9)*9.
pwb.mastery	PWB-EM: Psychological Well-Being - Environmental Mastery Scale		pwb.mastery = mean.7(pwb.em1, pwb.em2_r, pwb.em3_r, pwb.em4, pwb.em5_r, pwb.em6, pwb.em7, pwb.em8_r, pwb.em9)*9.
pwb.posrelat	PWB-PR: Psychological Well-Being - Positive Relationships Scale		pwb.posrelat = mean.7(pwb.pr1, pwb.pr2_r, pwb.pr3_r, pwb.pr4, pwb.pr5_r, pwb.pr6_r, pwb.pr7, pwb.pr8_r, pwb.pr9)*9.
pwb.purpose	PWB-PL: Psychological Well-Being - Purpose in Life Scale		pwb.purpose = mean.7(pwb.pl1_r, pwb.pl2, pwb.pl3_r, pwb.pl4_r, pwb.pl5_r, pwb.pl6, pwb.pl7_r, pwb.pl8, pwb.pl9_r)*9.
pwb.total	PWB: Psychological Well-Being Total Score		pwb.total = sum.4(pwb.accept, pwb.mastery, pwb.posrelat, pwb.purpose).
rctvrsp	*****REACTIVE RESPONDING*****		
rr.respnd	RR: often respond quickly and emotionally	AGR15	
rr.plan	RR: important to plan out where I'm going in life		
rr.onguard	RR: on my guard in most situations		
rr.emcool	RR: let my emotions cool before I act		
rr.goals	RR: have many long-term goals		
rr.feelsafe	RR: feel safe most places		
rr.coolhd	RR: keep a cool head when angry		
rr.dnthnk	RR: don't think much about goals		
rr.nowrry	RR: don't worry about who's coming up behind me		
rr.emcool_r	RR: let emotions cool - reversed	AGR15R	
rr.coolhd_r	RR: keep cool head when angry (reversed)		
rr.dnthnk_r	RR: don't think about goals (reversed)		
rr.feelsafe_r	RR: feel safe most places (reversed)		
rr.nowrry_r	RR: don't worry about who's coming (reversed)		
rr.emotactscr	RR: Reactive Responding - Emotional Action Subscale Score		rr.emotactscr=mean.2(rr.respnd, rr.emcool_r, rr.coolhd_r)*3.
rr.goalorscr	RR: Reactive Responding - Goal Orientation Subscale Score		rr.goalorscr=mean.2(rr.plan, rr.goals, rr.dnthnk_r)*3.
rr.viglncescr	RR: Reactive Responding - Vigilance Subscale Score		rr.viglncescr=mean.2(rr.onguard, rr.feelsafe_r, rr.nowrry_r)*3.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
leds	****LIFE EVENTS AND DIFFICULTIES (LEDS) DATA****		
leds.svrev_tot	LEDS: total # severe life events		
leds.svrev_any	LEDS: any severe life events	YES/NO	
leds.ltctev_tot	LEDS: total # long-term contextual threat events		
leds.ltctev_any	LEDS: any long-term contextual threat events	YES/NO	
leds.stctev_tot	LEDS: total # short-term contextual threat events		
leds.stctev_any	LEDS: any short-term contextual threat events	YES/NO	
leds.prvkev_tot	LEDS: total # provoking agent events		
leds.prvkev_any	LEDS: any provoking agent events	YES/NO	
leds.edev_tot	LEDS: total # education events		
leds.wrkev_tot	LEDS: total # work events		
leds.repev_tot	LEDS: total # reproduction events		
leds.hsev_tot	LEDS: total # housing events		
leds.monev_tot	LEDS: total # money/possessions events		
leds.crmev_tot	LEDS: total # crime/legal events		
leds.hlthev_tot	LEDS: total # health/treatment/accidents events		
leds.marev_tot	LEDS: total # marital/partner relationship events		
leds.otrlev_tot	LEDS: total # other relationship (including child) events		
leds.mscev_tot	LEDS: total # miscellaneous (including pets) and death		
leds.marloss_tot	LEDS: total # marital/relationship loss events		
leds.edev_any	LEDS: any education events		
leds.wrkev_any	LEDS: any work events		
leds.repev_any	LEDS: any reproduction events		
leds.hsev_any	LEDS: any housing events		
leds.monev_any	LEDS: any money/possessions events		
leds.crmev_any	LEDS: any crime/legal events		
leds.hlthev_any	LEDS: any health/treatment/accidents events		
leds.marev_any	LEDS: any marital/partner relationship events		
leds.otrlev_any	LEDS: any other relationship events		
leds.mscev_any	LEDS: any miscellaneous events and death		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
leds.marloss_any	LEDS: any marital/relationship loss events		
leds.unrslv_tot	LEDS: # unresolved events		
leds.dfev_tot	LEDS: # events linked to a difficulty		
leds.slfev_tot	LEDS: # self-focused events		
leds.otrev_tot	LEDS: # other-focused events		
leds.jntev_tot	LEDS: # joint-focused events		
pss	*****PERCEIVED STRESS SCALE (PSS)*****		
pss.upset	PSS: upset b/c something happened unexpectedly	FRQ04	
pss.cntrl	PSS: unable to control important things		
pss.nervs	PSS: nervous and stressed		
pss.pers	PSS: confident about ability to handle personal prob		
pss.way	PSS: things going your way		
pss.cope	PSS: could not cope		
pss.irrit	PSS: control irritations		
pss.ontop	PSS: on top of things		
pss.angr	PSS: angered b/c things outside of your control		
pss.diffs	PSS: difficulties piling up		
pss.pers_r	PSS: confident about ability to handle personal probs (rev)	FR04R	
pss.way_r	PSS: things going your way (reversed)		
pss.irrit_r	PSS: control irritations (reversed)		
pss.ontop_r	PSS: on top of things (reversed)		
pss10tot	PSS: Perceived Stress Scale 10-item Total Score		pss10tot=mean.8(pss.cntrl, pss.pers_r, pss.way_r, pss.diffs, pss.irrit_r, pss.ontop_r, pss.angr, pss.cope, pss.upset, pss.nervs)*10.
pss4tot	PSS: Perceived Stress Scale 4-item Total Score		pss4tot = mean.3(pss.cntrl, pss.pers_r, pss.way_r, pss.diffs)*4.

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (1/2)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
ACC04	0=not at all accurate	TF03R	0=definitely true	SNIPAR	0=neither
	1=a little accurate		1=probably true		1=mother only
	2=moderately accurate		2=probably false		2=father only
	3=quite a bit accurate		3=definitely false		3=both mother and father
	4=extremely accurate				
		SNIMAR	1=married/marital-like relationship	SNIINL	0=neither
ACC04R	0=extremely accurate		2=never married/marital-like relationship		1=mother-in-law only
	1=quite a bit accurate		3=separated		2=father-in-law only
	2=moderately accurate		4=divorced/formally in marital-like relat.		3= mother-in-law & father-in-law
	3=a little accurate		5=widowed		4=not applicable (not married)
	4=not at all accurate				
		SNINUM1	0	SNIEMP1	0=no
LIKE15	1=definitely does not sound like me		1		1=yes, self-employed
	2=does not sound like me		2		2=yes, employed by others
	3=neutral		3		
	4=sounds like me		4	SNIEMP2	0=not employed
	5=definitely sounds like me		5		1=employed
			6		
LIKE15R	1=definitely sounds like me		7 or more	SNIROLE	0=does not hold this role
	2=sounds like me				1=holds this role
	3=neutral	SNINUM2	0 (or have no neighbors)		
	4=does not sound like me		1	YES/NO	0=no
	5=definitely does not sound like me		2		1=yes
			3		
TF03	0=definitely false		4		
	1=probably false		5		
	2=probably true		6		
	3=definitely true		7 or more		

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (2/2)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
AGR16	1=strongly disagree	AGR15	1=strongly disagree	FRQ04	0=never
	2=moderately disagree		2=disagree		1=almost never
	3=slightly disagree		3=neutral		2=sometimes
	4=slightly agree		4=agree		3=fairly often
	5=moderately agree		5=strongly agree		4=very often
	6=strongly agree				
		AGR15R	1=strongly agree	FRQ04R	0=very often
AGR16R	1=strongly agree		2=agree		1=fairly often
	2=moderately agree		3=neutral		2=sometimes
	3=slightly agree		4=disagree		3=almost never
	4=slightly disagree		5=strongly disagree		4=never
	5=moderately disagree				
	6=strongly disagree				

Return to ToC

SELF-REPORTED HEALTH

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
SLFHLTH	*****SELF-REPORTED HEALTH DATA*****		
srh.lastcold1	Self-reported Health: date of last cold (mmm-yy)		
srh.colddur1	Self-reported Health: duration of last cold (days)		
srh.lastcold2	Self-reported Health: date of last cold (mmm-yy)		
srh.colddur2	Self-reported Health: duration of last cold (days)		
srh.allergy	Self-reported Health: allergic status	ALLRG	
srh.regmens	Self-reported Health: regular menstrual cycle	YES/NO	
srh.cyclngth	Self-reported Health: avg length menstrual cycle (days)		
srh.mensdur	Self-reported Health: avg duration of menstrual period (days)		
srh.mens_str	comment regarding menstrual cycle		
srh.nomens	Self-reported Health: no longer has a period	YES/NO	
srh.lmp1	Self-reported Health: LMP date reported 7-8 weeks pre-quarantine		
srh.lmp2	Self-reported Health: LMP date reported on Quarantine Day 0		
srh.lmp3	Self-reported Health: LMP data reported 4 weeks post-challenge		
srh.lmp2conf	Self-reported Health: how sure of 2nd reported LMP date		
diff2_1	# days between lmp1 and lmp2		diff2_1 = datediff(srh.lmp2, srh.lmp1, "days").
diff3_2	# days between lmp2 and lmp3		diff3_2 = datediff(srh.lmp3, srh.lmp2, "days").

SELF-REPORTED HEALTH **Value Labels for Categorical and Dichotomous Variables**

Code	Value Labels	Code	Value Labels
YES/NO	0=no	ALLRG	0=non-allergic
	1=yes		1=allergic

Return to ToC

TRIAL DATA

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
TRIAL	*****BEGIN TRIAL DATA*****		
trialnum	Trial number		
trialdate	Quarantine Day 0		
cohort	Number of participants in trial		
season	Season of trial	SEASON	
winter	Season of trial: winter (Dec-Jan-Feb)		if (season = 1) winter = 1; if (season ne 1) winter = 0.
spring	Season of trial: spring (Mar-Apr-May)		if (season = 2) spring = 1; if (season ne 2) spring = 0.
summer	Season of trial: summer (Jun-Jul-Aug)		if (season = 3) summer = 1; if (season ne 3) summer = 0.
fall	Season of trial: fall (Sep-Oct-Nov)		if (season = 4) fall = 1; if (season ne 4) fall = 0.
month	Month of trial	MONTH	
march	Month of trial: March		if (month = 3) march = 1; if (month ne 3) march = 0.
may	Month of trial: May		if (month = 5) may = 1; if (month ne 5) may = 0.
july	Month of trial: July		if (month = 7) july = 1; if (month ne 7) july = 0.
sept	Month of trial: September		if (month = 9) sept = 1; if (month ne 9) september = 0.

TRIAL DATA **Value Labels for Categorical and Dichotomous Variables**

Code	Value Labels	Code	Value Labels
SEASON	1=winter (Dec-Jan-Feb)	MONTH	3=March
	2=spring (Mar-Apr-May)		5=May
	3=summer (Jun-Jul-Aug)		7=July
	4=fall (Sep-Oct-Nov)		9=September

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
qaffect	*****AFFECT IN QUARANTINE*****		
q_1.afraid	Pre-challenge (Day -1) afraid	AFF04	
q0.afraid	Pre-challenge (Day 0) afraid		
q1.afraid	Post-Challenge Day 1 afraid		
q2.afraid	Post-Challenge Day 2 afraid		
q3.afraid	Post-Challenge Day 3 afraid		
q4.afraid	Post-Challenge Day 4 afraid		
q5.afraid	Post-Challenge Day 5 afraid		
q_1.angry	Pre-challenge (Day -1) angry	AFF04	
q0.angry	Pre-challenge (Day 0) angry		
q1.angry	Post-Challenge Day 1 angry		
q2.angry	Post-Challenge Day 2 angry		
q3.angry	Post-Challenge Day 3 angry		
q4.angry	Post-Challenge Day 4 angry		
q5.angry	Post-Challenge Day 5 angry		
q_1.ease	Pre-challenge (Day -1) at ease	AFF04	
q0.ease	Pre-challenge (Day 0) at ease		
q1.ease	Post-Challenge Day 1 at ease		
q2.ease	Post-Challenge Day 2 at ease		
q3.ease	Post-Challenge Day 3 at ease		
q4.ease	Post-Challenge Day 4 at ease		
q5.ease	Post-Challenge Day 5 at ease		
q_1.calm	Pre-challenge (Day -1) calm	AFF04	
q0.calm	Pre-challenge (Day 0) calm		
q1.calm	Post-Challenge Day 1 calm		
q2.calm	Post-Challenge Day 2 calm		
q3.calm	Post-Challenge Day 3 calm		
q4.calm	Post-Challenge Day 4 calm		
q5.calm	Post-Challenge Day 5 calm		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.chrfl	Pre-challenge (Day -1) cheerful	AFF04	
q0.chrfl	Pre-challenge (Day 0) cheerful		
q1.chrfl	Post-Challenge Day 1 cheerful		
q2.chrfl	Post-Challenge Day 2 cheerful		
q3.chrfl	Post-Challenge Day 3 cheerful		
q4.chrfl	Post-Challenge Day 4 cheerful		
q5.chrfl	Post-Challenge Day 5 cheerful		
q_1.deprs	Pre-challenge (Day -1) depressed	AFF04	
q0.deprs	Pre-challenge (Day 0) depressed		
q1.deprs	Post-Challenge Day 1 depressed		
q2.deprs	Post-Challenge Day 2 depressed		
q3.deprs	Post-Challenge Day 3 depressed		
q4.deprs	Post-Challenge Day 4 depressed		
q5.deprs	Post-Challenge Day 5 depressed		
q_1.enrg	Pre-challenge (Day -1) energetic	AFF04	
q0.enrg	Pre-challenge (Day 0) energetic		
q1.enrg	Post-Challenge Day 1 energetic		
q2.enrg	Post-Challenge Day 2 energetic		
q3.enrg	Post-Challenge Day 3 energetic		
q4.enrg	Post-Challenge Day 4 energetic		
q5.enrg	Post-Challenge Day 5 energetic		
q_1.fatig	Pre-challenge (Day -1) fatigued	AFF04	
q0.fatig	Pre-challenge (Day 0) fatigued		
q1.fatig	Post-Challenge Day 1 fatigued		
q2.fatig	Post-Challenge Day 2 fatigued		
q3.fatig	Post-Challenge Day 3 fatigued		
q4.fatig	Post-Challenge Day 4 fatigued		
q5.fatig	Post-Challenge Day 5 fatigued		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.fear	Pre-challenge (Day -1) fearful	AFF04	
q0.fear	Pre-challenge (Day 0) fearful		
q1.fear	Post-Challenge Day 1 fearful		
q2.fear	Post-Challenge Day 2 fearful		
q3.fear	Post-Challenge Day 3 fearful		
q4.fear	Post-Challenge Day 4 fearful		
q5.fear	Post-Challenge Day 5 fearful		
q_1.frght	Pre-challenge (Day -1) frightened	AFF04	
q0.frght	Pre-challenge (Day 0) frightened		
q1.frght	Post-Challenge Day 1 frightened		
q2.frght	Post-Challenge Day 2 frightened		
q3.frght	Post-Challenge Day 3 frightened		
q4.frght	Post-Challenge Day 4 frightened		
q5.frght	Post-Challenge Day 5 frightened		
q_1.fpep	Pre-challenge (Day -1) full of pep	AFF04	
q0.fpep	Pre-challenge (Day 0) full of pep		
q1.fpep	Post-Challenge Day 1 full of pep		
q2.fpep	Post-Challenge Day 2 full of pep		
q3.fpep	Post-Challenge Day 3 full of pep		
q4.fpep	Post-Challenge Day 4 full of pep		
q5.fpep	Post-Challenge Day 5 full of pep		
q_1.happy	Pre-challenge (Day -1) happy	AFF04	
q0.happy	Pre-challenge (Day 0) happy		
q1.happy	Post-Challenge Day 1 happy		
q2.happy	Post-Challenge Day 2 happy		
q3.happy	Post-Challenge Day 3 happy		
q4.happy	Post-Challenge Day 4 happy		
q5.happy	Post-Challenge Day 5 happy		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.hostl	Pre-challenge (Day -1) hostile	AFF04	
q0.hostl	Pre-challenge (Day 0) hostile		
q1.hostl	Post-Challenge Day 1 hostile		
q2.hostl	Post-Challenge Day 2 hostile		
q3.hostl	Post-Challenge Day 3 hostile		
q4.hostl	Post-Challenge Day 4 hostile		
q5.hostl	Post-Challenge Day 5 hostile		
q_1.lively	Pre-challenge (Day -1) lively	AFF04	
q0.lively	Pre-challenge (Day 0) lively		
q1.lively	Post-Challenge Day 1 lively		
q2.lively	Post-Challenge Day 2 lively		
q3.lively	Post-Challenge Day 3 lively		
q4.lively	Post-Challenge Day 4 lively		
q5.lively	Post-Challenge Day 5 lively		
q_1.nervs	Pre-challenge (Day -1) nervous	AFF04	
q0.nervs	Pre-challenge (Day 0) nervous		
q1.nervs	Post-Challenge Day 1 nervous		
q2.nervs	Post-Challenge Day 2 nervous		
q3.nervs	Post-Challenge Day 3 nervous		
q4.nervs	Post-Challenge Day 4 nervous		
q5.nervs	Post-Challenge Day 5 nervous		
q_1.edge	Pre-challenge (Day -1) on edge	AFF04	
q0.edge	Pre-challenge (Day 0) on edge		
q1.edge	Post-Challenge Day 1 on edge		
q2.edge	Post-Challenge Day 2 on edge		
q3.edge	Post-Challenge Day 3 on edge		
q4.edge	Post-Challenge Day 4 on edge		
q5.edge	Post-Challenge Day 5 on edge		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.plsd	Pre-challenge (Day -1) pleased	AFF04	
q0.plsd	Pre-challenge (Day 0) pleased		
q1.plsd	Post-Challenge Day 1 pleased		
q2.plsd	Post-Challenge Day 2 pleased		
q3.plsd	Post-Challenge Day 3 pleased		
q4.plsd	Post-Challenge Day 4 pleased		
q5.plsd	Post-Challenge Day 5 pleased		
q_1.rlxd	Pre-challenge (Day -1) relaxed	AFF04	
q0.rlxd	Pre-challenge (Day 0) relaxed		
q1.rlxd	Post-Challenge Day 1 relaxed		
q2.rlxd	Post-Challenge Day 2 relaxed		
q3.rlxd	Post-Challenge Day 3 relaxed		
q4.rlxd	Post-Challenge Day 4 relaxed		
q5.rlxd	Post-Challenge Day 5 relaxed		
q_1.rsntfl	Pre-challenge (Day -1) resentful	AFF04	
q0.rsntfl	Pre-challenge (Day 0) resentful		
q1.rsntfl	Post-Challenge Day 1 resentful		
q2.rsntfl	Post-Challenge Day 2 resentful		
q3.rsntfl	Post-Challenge Day 3 resentful		
q4.rsntfl	Post-Challenge Day 4 resentful		
q5.rsntfl	Post-Challenge Day 5 resentful		
q_1.sad	Pre-challenge (Day -1) sad	AFF04	
q0.sad	Pre-challenge (Day 0) sad		
q1.sad	Post-Challenge Day 1 sad		
q2.sad	Post-Challenge Day 2 sad		
q3.sad	Post-Challenge Day 3 sad		
q4.sad	Post-Challenge Day 4 sad		
q5.sad	Post-Challenge Day 5 sad		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.slpy	Pre-challenge (Day -1) sleepy	AFF04	
q0.slpy	Pre-challenge (Day 0) sleepy		
q1.slpy	Post-Challenge Day 1 sleepy		
q2.slpy	Post-Challenge Day 2 sleepy		
q3.slpy	Post-Challenge Day 3 sleepy		
q4.slpy	Post-Challenge Day 4 sleepy		
q5.slpy	Post-Challenge Day 5 sleepy		
q_1.slugg	Pre-challenge (Day -1) sluggish	AFF04	
q0.slugg	Pre-challenge (Day 0) sluggish		
q1.slugg	Post-Challenge Day 1 sluggish		
q2.slugg	Post-Challenge Day 2 sluggish		
q3.slugg	Post-Challenge Day 3 sluggish		
q4.slugg	Post-Challenge Day 4 sluggish		
q5.slugg	Post-Challenge Day 5 sluggish		
q_1.tense	Pre-challenge (Day -1) tense	AFF04	
q0.tense	Pre-challenge (Day 0) tense		
q1.tense	Post-Challenge Day 1 tense		
q2.tense	Post-Challenge Day 2 tense		
q3.tense	Post-Challenge Day 3 tense		
q4.tense	Post-Challenge Day 4 tense		
q5.tense	Post-Challenge Day 5 tense		
q_1.tired	Pre-challenge (Day -1) tired	AFF04	
q0.tired	Pre-challenge (Day 0) tired		
q1.tired	Post-Challenge Day 1 tired		
q2.tired	Post-Challenge Day 2 tired		
q3.tired	Post-Challenge Day 3 tired		
q4.tired	Post-Challenge Day 4 tired		
q5.tired	Post-Challenge Day 5 tired		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.unhpy	Pre-challenge (Day -1) unhappy	AFF04	
q0.unhpy	Pre-challenge (Day 0) unhappy		
q1.unhpy	Post-Challenge Day 1 unhappy		
q2.unhpy	Post-Challenge Day 2 unhappy		
q3.unhpy	Post-Challenge Day 3 unhappy		
q4.unhpy	Post-Challenge Day 4 unhappy		
q5.unhpy	Post-Challenge Day 5 unhappy		
q_1.vigscr	Pre-challenge (Day -1) Vigor Score		q_1.vigscr = mean.2(q_1.fpep, q_1.lively, q_1.enrg)*3. (repeated for all remaining quarantine days)
q0.vigscr	Pre-challenge (Day 0) Vigor Score		
q1.vigscr	Post-Challenge Day 1 Vigor Score		
q2.vigscr	Post-Challenge Day 2 Vigor Score		
q3.vigscr	Post-Challenge Day 3 Vigor Score		
q4.vigscr	Post-Challenge Day 4 Vigor Score		
q5.vigscr	Post-Challenge Day 5 Vigor Score		
q_1.wlbgscr	Pre-challenge (Day -1) Well-Being Score		q_1.wlbgscr = mean.2(q_1.chrfl, q_1.happy, q_1.plsd)*3 (repeated for all remaining quarantine days)
q0.wlbgscr	Pre-challenge (Day 0) Well-Being Score		
q1.wlbgscr	Post-Challenge Day 1 Well-Being Score		
q2.wlbgscr	Post-Challenge Day 2 Well-Being Score		
q3.wlbgscr	Post-Challenge Day 3 Well-Being Score		
q4.wlbgscr	Post-Challenge Day 4 Well-Being Score		
q5.wlbgscr	Post-Challenge Day 5 Well-Being Score		
q_1.calmscr	Pre-challenge (Day -1) Calm Score		q_1.calmscr = mean.2(q_1.calm, q_1.rlxd, q_1.ease)*3 (repeated for all remaining quarantine days)
q0.calmscr	Pre-challenge (Day 0) Calm Score		
q1.calmscr	Post-Challenge Day 1 Calm Score		
q2.calmscr	Post-Challenge Day 2 Calm Score		
q3.calmscr	Post-Challenge Day 3 Calm Score		
q4.calmscr	Post-Challenge Day 4 Calm Score		
q5.calmscr	Post-Challenge Day 5 Calm Score		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.posaf	Pre-challenge (Day -1) Positive Affect		q_1.posaf = sum.3(q_1.vigscr, q_1.wlbgscr, q_1.calmscr) (repeated for all remaining quarantine days)
q0.posaf	Pre-challenge (Day 0) Positive Affect		
q1.posaf	Post-Challenge Day 1 Positive Affect		
q2.posaf	Post-Challenge Day 2 Positive Affect		
q3.posaf	Post-Challenge Day 3 Positive Affect		
q4.posaf	Post-Challenge Day 4 Positive Affect		
q5.posaf	Post-Challenge Day 5 Positive Affect		
q_1.angscr	Pre-challenge (Day -1) Anger Score		q_1.angscr = mean.2(q_1.hostl,q_1.rsntfl, q_1.angry)*3 (repeated for all remaining quarantine days)
q0.angscr	Pre-challenge (Day 0) Anger Score		
q1.angscr	Post-Challenge Day 1 Anger Score		
q2.angscr	Post-Challenge Day 2 Anger Score		
q3.angscr	Post-Challenge Day 3 Anger Score		
q4.angscr	Post-Challenge Day 4 Anger Score		
q5.angscr	Post-Challenge Day 5 Anger Score		
q_1.anxscr	Pre-challenge (Day -1) Anxious Score		q_1.anxscr = mean.2(q_1.edge, q_1.nervs, q_1.tense)*3. (repeated for all remaining quarantine days)
q0.anxscr	Pre-challenge (Day 0) Anxious Score		
q1.anxscr	Post-Challenge Day 1 Anxious Score		
q2.anxscr	Post-Challenge Day 2 Anxious Score		
q3.anxscr	Post-Challenge Day 3 Anxious Score		
q4.anxscr	Post-Challenge Day 4 Anxious Score		
q5.anxscr	Post-Challenge Day 5 Anxious Score		
q_1.dprsscr	Pre-challenge (Day -1) Depressed Score		q_1.dprsscr = mean.2(q_1.sad, q_1.deprs, q_1.unhpy)*3. (repeated for all remaining quarantine days)
q0.dprsscr	Pre-challenge (Day 0) Depressed Score		
q1.dprsscr	Post-Challenge Day 1 Depressed Score		
q2.dprsscr	Post-Challenge Day 2 Depressed Score		
q3.dprsscr	Post-Challenge Day 3 Depressed Score		
q4.dprsscr	Post-Challenge Day 4 Depressed Score		
q5.dprsscr	Post-Challenge Day 5 Depressed Score		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.fatgscr	Pre-challenge (Day -1) Fatigue Score		q_1.fatgscr = mean.3(q_1.slugg, q_1.tired, q_1.sleepy, q_1.fatig)*4 (repeated for all remaining quarantine days)
q0.fatgscr	Pre-challenge (Day 0) Fatigue Score		
q1.fatgscr	Post-Challenge Day 1 Fatigue Score		
q2.fatgscr	Post-Challenge Day 2 Fatigue Score		
q3.fatgscr	Post-Challenge Day 3 Fatigue Score		
q4.fatgscr	Post-Challenge Day 4 Fatigue Score		
q5.fatgscr	Post-Challenge Day 5 Fatigue Score		
q_1.fearscr	Pre-challenge (Day -1) Fear Score		q_1.fearscr = mean.2(q_1.fear, q_1.afraid, q_1.frght)*3 (repeated for all remaining quarantine days)
q0.fearscr	Pre-challenge (Day 0) Fear Score		
q1.fearscr	Post-Challenge Day 1 Fear Score		
q2.fearscr	Post-Challenge Day 2 Fear Score		
q3.fearscr	Post-Challenge Day 3 Fear Score		
q4.fearscr	Post-Challenge Day 4 Fear Score		
q5.fearscr	Post-Challenge Day 5 Fear Score		
q_1.negaf	Pre-challenge (Day -1) Negative Affect		q_1.negaf = sum.3(q_1.angscr, q_1.anx_scr, q_1.dprsscr). (repeated for all remaining quarantine days)
q0.negaf	Pre-challenge (Day 0) Negative Affect		
q1.negaf	Post-Challenge Day 1 Negative Affect		
q2.negaf	Post-Challenge Day 2 Negative Affect		
q3.negaf	Post-Challenge Day 3 Negative Affect		
q4.negaf	Post-Challenge Day 4 Negative Affect		
q5.negaf	Post-Challenge Day 5 Negative Affect		
q_1.negftg	Pre-challenge (Day -1) Negative Affect + Fatigue subscale		q_1.negaf = sum.4(q_1.angscr, q_1.anx_scr, q_1.dprsscr, q_1.fatgscr). (repeated for all remaining quarantine days)
q0.negftg	Pre-challenge (Day 0) Negative Affect + Fatigue subscale		
q1.negftg	Post-Challenge Day 1 Negative Affect + Fatigue subscale		
q2.negftg	Post-Challenge Day 2 Negative Affect + Fatigue subscale		
q3.negftg	Post-Challenge Day 3 Negative Affect + Fatigue subscale		
q4.negftg	Post-Challenge Day 4 Negative Affect + Fatigue subscale		
q5.negftg	Post-Challenge Day 5 Negative Affect + Fatigue subscale		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
qhlthbeh	*****HEALTH BEHAVIORS IN QUARANTINE		
q_1.smoke	Pre-challenge (Day -1) - Smoke?	YES/NO	
q0.smoke	Pre-challenge (Day 0) - Smoke?		
q1.smoke	Post-challenge Day 1 - Smoke?		
q2.smoke	Post-challenge Day 2 - Smoke?		
q3.smoke	Post-challenge Day 3 - Smoke?		
q4.smoke	Post-challenge Day 4 - Smoke?		
q5.smoke	Post-challenge Day 5 - Smoke?		
q_1.cgtnum	Pre-challenge (Day -1) - # cigarettes		
q0.cgtnum	Pre-challenge (Day 0) - # cigarettes		
q1.cgtnum	Post-challenge Day 1 - # cigarettes		
q2.cgtnum	Post-challenge Day 2 - # cigarettes		
q3.cgtnum	Post-challenge Day 3 - # cigarettes		
q4.cgtnum	Post-challenge Day 4 - # cigarettes		
q5.cgtnum	Post-challenge Day 5 - # cigarettes		
q_1.cgrnum	Pre-challenge (Day -1) - # cigars		
q0.cgrnum	Pre-challenge (Day 0) - # cigars		
q1.cgrnum	Post-challenge Day 1 - # cigars		
q2.cgrnum	Post-challenge Day 2 - # cigars		
q3.cgrnum	Post-challenge Day 3 - # cigars		
q4.cgrnum	Post-challenge Day 4 - # cigars		
q5.cgrnum	Post-challenge Day 5 - # cigars		
q_1.tobnum	Pre-challenge (Day -1) - # bowls tobacco		
q0.tobnum	Pre-challenge (Day 0) - # bowls tobacco		
q1.tobnum	Post-challenge Day 1 - # bowls tobacco		
q2.tobnum	Post-challenge Day 2 - # bowls tobacco		
q3.tobnum	Post-challenge Day 3 - # bowls tobacco		
q4.tobnum	Post-challenge Day 4 - # bowls tobacco		
q5.tobnum	Post-challenge Day 5 - # bowls tobacco		

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.smknum	Pre-challenge (Day -1) - total cigarettes, cigars, etc.		q_1.smknum = sum(q_1.cgtnum, q_1.cgrnum, q_1.tobnum) (repeated for all remaining quarantine days)
q0.smknum	Pre-challenge (Day 0) - total cigarettes, cigars, etc.		
q1.smknum	Post-challenge Day 1 - total cigarettes, cigars, etc.		
q2.smknum	Post-challenge Day 2 - total cigarettes, cigars, etc.		
q3.smknum	Post-challenge Day 3 - total cigarettes, cigars, etc.		
q4.smknum	Post-challenge Day 4 - total cigarettes, cigars, etc.		
q5.smknum	Post-challenge Day 5 - total cigarettes, cigars, etc.		
q_1.drink	Pre-challenge (Day -1) - Drink?	YES/NO	
q0.drink	Pre-challenge (Day 0) - Drink?		
q1.drink	Post-challenge Day 1 - Drink?		
q2.drink	Post-challenge Day 2 - Drink?		
q3.drink	Post-challenge Day 3 - Drink?		
q4.drink	Post-challenge Day 4 - Drink?		
q5.drink	Post-challenge Day 5 - Drink?		
q_1.drnknum	Pre-challenge (Day -1) - total # alcoholic beverages		
q0.drnknum	Pre-challenge (Day 0) - total # alcoholic beverages		
q1.drnknum	Post-challenge Day 1 - total # alcoholic beverages		
q2.drnknum	Post-challenge Day 2 - total # alcoholic beverages		
q3.drnknum	Post-challenge Day 3 - total # alcoholic beverages		
q4.drnknum	Post-challenge Day 4 - total # alcoholic beverages		
q5.drnknum	Post-challenge Day 5 - total # alcoholic beverages		
q_1.rested	Pre-challenge (Day -1) - Rested this morning?	YES/NO	
q0.rested	Pre-challenge (Day 0) - Rested this morning?		
q1.rested	Post-challenge Day 1 - Rested this morning?		
q2.rested	Post-challenge Day 2 - Rested this morning?		
q3.rested	Post-challenge Day 3 - Rested this morning?		
q4.rested	Post-challenge Day 4 - Rested this morning?		
q5.rested	Post-challenge Day 5 - Rested this morning?		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.slplost	Pre-challenge (Day -1) - Sleep lost last night (min)		
q0.slplost	Pre-challenge (Day 0) - Sleep lost last night (min)		
q1.slplost	Post-challenge Day 1 - Sleep lost last night (min)		
q2.slplost	Post-challenge Day 2 - Sleep lost last night (min)		
q3.slplost	Post-challenge Day 3 - Sleep lost last night (min)		
q4.slplost	Post-challenge Day 4 - Sleep lost last night (min)		
q5.slplost	Post-challenge Day 5 - Sleep lost last night (min)		
q_1.slpqual	Pre-challenge (Day -1) - Sleep quality last night	SLPQUL	
q0.slpqual	Pre-challenge (Day 0) - Sleep quality last night		
q1.slpqual	Post-challenge Day 1 - Sleep quality last night		
q2.slpqual	Post-challenge Day 2 - Sleep quality last night		
q3.slpqual	Post-challenge Day 3 - Sleep quality last night		
q4.slpqual	Post-challenge Day 4 - Sleep quality last night		
q5.slpqual	Post-challenge Day 5 - Sleep quality last night		

AFFECT & HEALTH BEHAVIORS IN Q'RNTINE **Value Labels for Categorical and Dichotomous Variables**

Code	Value Labels	Code	Value Labels	Code	Value Labels
AFF04	0=not at all	YES/NO	0=no	SLPQUL	1=very bad
	1=a little		1=yes		2=fairly bad
	2=some				3=fairly good
	3=quite a bit				4=very good
	4=a lot				

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
DAILYINT	*****BEGIN AGGREGATED DAILY INTERVIEW DATA*****		
di.totcomplete	DI: Total completed interviews		
di.wkdays	DI: Total weekdays		
di.wndays	DI: Total weekend days		
afagg	*****AVERAGE AFFECT ACROSS INTERVIEW PERIOD*****		
di.happy_avg	DI - Average Daily Affect: happy		
di.hostl_avg	DI - Average Daily Affect: hostile		
di.deprs_avg	DI - Average Daily Affect: depressed		
di.enrg_avg	DI - Average Daily Affect: energetic		
di.sad_avg	DI - Average Daily Affect: sad		
di.chrfl_avg	DI - Average Daily Affect: cheerful		
di.edge_avg	DI - Average Daily Affect: on edge		
di.calm_avg	DI - Average Daily Affect: calm		
di.rlxd_avg	DI - Average Daily Affect: relaxed		
di.unhpy_avg	DI - Average Daily Affect: unhappy		
di.fpep_avg	DI - Average Daily Affect: full of pep		
di.rsntfl_avg	DI - Average Daily Affect: resentful		
di.lvly_avg	DI - Average Daily Affect: lively		
di.ang_avg	DI - Average Daily Affect: angry		
di.plsd_avg	DI - Average Daily Affect: pleased		
di.tense_avg	DI - Average Daily Affect: tense		
di.ease_avg	DI - Average Daily Affect: at ease		
di.nervs_avg	DI - Average Daily Affect: nervous		
di.fatg_avg	DI - Average Daily Affect: fatigued		
di.tired_avg	DI - Average Daily Affect: tired		
di.slpy_avg	DI - Average Daily Affect: sleepy		
di.slugg_avg	DI - Average Daily Affect: sluggish		
di.frght_avg	DI - Average Daily Affect: frightened		
di.fear_avg	DI - Average Daily Affect: fearful		
di.afraid_avg	DI - Average Daily Affect: afraid		
di.vigscr_avg	DI - Average Daily Affect: vigor subscale score		

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.wlbgscr_avg	DI - Average Daily Affect: well-being subscale score		
di.calmscr_avg	DI - Average Daily Affect: calm subscale score		
di.posaf_avg	DI - Average Daily Affect: positive affect score		
di.anxscr_avg	DI - Average Daily Affect: anxiety subscale score		
di.angscr_avg	DI - Average Daily Affect: anger subscale score		
di.dprsscr_avg	DI - Average Daily Affect: depressed subscale score		
di.fatgscr_avg	DI - Average Daily Affect: fatigue subscale score		
di.fearscr_avg	DI - Average Daily Affect: fearfulness subscale score		
di.negaf_avg	DI - Average Daily Affect: negative affect score		
di.negftg_avg	DI - Average Daily Affect: negative affect score + fatigue subscale		
socagg	*****AGGREGATED SOCIAL INTERACTION DATA*****		
di.socdays	DI: Total interview days with social interaction		
di.totsoc_avg	DI: Avg # social interactions per day - all interview days		
di.totsoc_avg2	DI: Avg # social interactions per day - social interxn days only		
di.totpart_avg	DI: Avg # social interxn partners per day - all interview days		
di.totpart_avg2	DI: Avg # social interxn partners per day - social interxn days only		
di.socmin_avg	DI: Avg # minutes interacting per day - all interview days		
di.socmin_avg2	DI: Avg # minutes interacting per day - social interxn days only		
di.doms_avg	DI: Avg # domains interacted with per day - all interview days		
di.doms_avg2	DI: Avg # domains interacted with per day - social interxn days only		
di.uniq_avg	DI: Avg # unique interxn partners per day - all interview days		
di.uniq_avg2	DI: Avg # unique interxn partners per day - social interxn days only		
di.pctinit_avg	DI: Avg % interactions initiated by participant - social interxn days only		
di.plsnt_avg	DI: Avg social interaction pleasantness rating		
di.totpos_avg	DI: Avg number of positive social interactions per day		
di.pctpos_avg	DI: Avg % social interactions that were positive		
di.totneg_avg	DI: Avg number of negative social interactions per day		
di.pctneg_avg	DI: Avg % social interactions that were negative		
di.pctsupint_avg	DI: Avg % social interactions with support given/received		
di.pctgspprt_avg	DI: Avg % supportive interactions participant gave		
di.pctrspprt_avg	DI: Avg % supportive interactions participant received		

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AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.pctbspprt_avg	DI: Avg % supportive interactions participant gave and received		
di.confl_avg	DI: Avg social interaction conflict rating		
di.totcon_avg	DI: Avg number of social interactions with moderate/severe conflict per day		
di.pctcon_avg	DI: Avg % social interactions with moderate/severe conflict		
symagg	*****SYMPTOM TOTALS ACROSS INTERVIEW PERIOD*****		
di.nascondays	DI: Total days with congestion		
di.sneezdays	DI: Total days with sneezing		
di.runnodays	DI: Total days with runny nose		
di.srthrdays	DI: Total days with cough		
di.coughdays	DI: Total days with sore throat		
di.hdachdays	DI: Total days with headache		
di.chilldays	DI: Total days with chills		
di.malaisdays	DI: Total days with malaise		
di.colddays	DI: Total days reporting cold or flu		
di.allergydays	DI: Total days reporting problem with allergies		

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PRE-QUARANTINE (HOME) SALIVARY CORTISOL AUC CALCULATIONS

The calculations appearing below relate to cortisol data obtained on pre-quarantine day 1. Calculations and exclusion criteria for pre-quarantine day 2 are identical.

Note that slva.pre1cort2 is not included in the calculation of AUC. The second sample of the day is taken approximately 30 minutes post-waking and likely represents the cortisol morning peak or awakening response.

*******TRIAL 1 ONLY*****.**

Trial 1 participants collected a total of 7 saliva samples throughout pre-quarantine days 1 and 2 compared to the 10 samples collected by participants in all subsequent trials. Exclusion criteria and AUC calculations were adjusted accordingly.

```
* CALCULATE DAY 1 AUC WITHOUT ADJUSTMENT FOR WAKE-UP TIME --- ALL SAMPLES USED.
* AUC NOT COMPUTED FOR SUBJECTS MISSING EITHER...
*...SAMPLES 3, 4, OR 5
 *...MORE THAN 2 OF THE LAST 4 SAMPLES.

do if subj_id lt 202000.
compute slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) + ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(120)/2).
if (missing(slva.pre1cort7) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(120)/2).
if (missing(slva.pre1cort6) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2)
                        ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort7)*(240)/2).
if (missing(slva.pre1cort5) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort6)*(240)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(120)/2).
end if.
execute.

variable labels slva.pre1cort_auc "Pre-Quarantine (Home) Day 1 Cortisol AUC".
execute.
```

```
*****TRIAL 2 AND LATER*****.
* CALCULATE DAY 1 AUC WITHOUT ADJUSTMENT FOR WAKE-UP TIME --- ALL SAMPLES USED.
* AUC NOT COMPUTED FOR SUBJECTS MISSING EITHER...
*...SAMPLES 3, 4, OR 5
*...MORE THAN 2 OF THE LAST 4 SAMPLES.

do if subj_id ge 202000.
compute slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) + ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                        ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                        ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                        ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                        ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                        ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                        ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                        ((slva.pre1cort9+slva.pre1cort10)*(120)/2).

if (missing(slva.pre1cort10) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                        ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                        ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                        ((slva.pre1cort9+slva.pre1cort11)*(240)/2).

if (missing(slva.pre1cort9) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                        ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                        ((slva.pre1cort8+slva.pre1cort10)*(240)/2) +
                        ((slva.pre1cort10+slva.pre1cort11)*(120)/2).
```

```
if (missing(slva.pre1cort8) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort9)*(240)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort7) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort8)*(240)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort6) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort7)*(240)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort5) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort10) = 1) and (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2).
```

```
if (missing(slva.pre1cort9) = 1) and  (missing(slva.pre1cort10) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort11)*(360)/2).

if (missing(slva.pre1cort8) = 1) and  (missing(slva.pre1cort9) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort10)*(360)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort7) = 1) and  (missing(slva.pre1cort8) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort9)*(360)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort6) = 1) and  (missing(slva.pre1cort7) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort9) = 1) and  (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort10)*(240)/2).
```

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if (missing(slva.pre1cort8) = 1) and  (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort9)*(240)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2).

if (missing(slva.pre1cort7) = 1) and  (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort8)*(240)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2).

if (missing(slva.pre1cort6) = 1) and  (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort7)*(240)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2).

if (missing(slva.pre1cort5) = 1) and  (missing(slva.pre1cort11) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort6)*(240)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2).

if (missing(slva.pre1cort8) = 1) and  (missing(slva.pre1cort10) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort9)*(240)/2) +
                ((slva.pre1cort9+slva.pre1cort11)*(240)/2).
```

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if (missing(slva.pre1cort7) = 1) and  (missing(slva.pre1cort10) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort8)*(240)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort11)*(240)/2).

if (missing(slva.pre1cort6) = 1) and  (missing(slva.pre1cort10) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort7)*(240)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort11)*(240)/2).

if (missing(slva.pre1cort5) = 1) and  (missing(slva.pre1cort10) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort6)*(240)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort11)*(240)/2).

if (missing(slva.pre1cort7) = 1) and  (missing(slva.pre1cort9) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort6)*(120)/2) +
                ((slva.pre1cort6+slva.pre1cort8)*(240)/2) +
                ((slva.pre1cort8+slva.pre1cort10)*(240)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort6) = 1) and  (missing(slva.pre1cort9) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort7)*(240)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort10)*(240)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).
```

```
if (missing(slva.pre1cort5) = 1) and  (missing(slva.pre1cort9) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort6)*(240)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort8)*(120)/2) +
                ((slva.pre1cort8+slva.pre1cort10)*(240)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort6) = 1) and  (missing(slva.pre1cort8) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort5)*(120)/2) +
                ((slva.pre1cort5+slva.pre1cort7)*(240)/2) +
                ((slva.pre1cort7+slva.pre1cort9)*(240)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort5) = 1) and  (missing(slva.pre1cort8) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort6)*(240)/2) +
                ((slva.pre1cort6+slva.pre1cort7)*(120)/2) +
                ((slva.pre1cort7+slva.pre1cort9)*(240)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).

if (missing(slva.pre1cort5) = 1) and  (missing(slva.pre1cort7) = 1) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort3)*(60)/2) +
                ((slva.pre1cort3+slva.pre1cort4)*(60)/2) +
                ((slva.pre1cort4+slva.pre1cort6)*(240)/2) +
                ((slva.pre1cort6+slva.pre1cort8)*(240)/2) +
                ((slva.pre1cort8+slva.pre1cort9)*(120)/2) +
                ((slva.pre1cort9+slva.pre1cort10)*(120)/2) +
                ((slva.pre1cort10+slva.pre1cort11)*(120)/2).
end if.
execute.

variable labels slva.pre1cort_auc "Pre-Quarantine (Home) Day 1 Cortisol AUC".
execute.
```

Return to ToC

QUARANTINE DAY 0 SALIVARY CORTISOL AUC CALCULATIONS

The calculations appearing below relate to cortisol data obtained on quarantine day 0.

Two AUC variables were computed, with the first using all post-waking samples and the second excluding the 2:00 pm sample (slva.q0cort10). Exclusion of this sample controls for the postprandial lunch rise in salivary cortisol levels.

Note that slva.q0cort2 is not included in the calculation of AUC. The second sample of the day is taken approximately 30 minutes post-waking and likely represents the cortisol morning peak or awakening response.

```
* CALCULATE QUARANTINE DAY 0 AUC WITHOUT ADJUSTMENT FOR WAKE-UP TIME --- ALL POST-WAKE UP SAMPLES.
* WAKE-UP SAMPLE EXCLUDED FROM COMPUTATION.
* AUC NOT COMPUTED FOR SUBJECTS MISSING EITHER...
*...SAMPLES 1, 3, OR 4
*...MORE THAN 2 OF THE REMAINING SAMPLES.

compute slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                          ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                          ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                          ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                          ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                          ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                          ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                          ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                          ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                          ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                          ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort5)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                          ((slva.q0cort4+slva.q0cort6)*(120)/2) +
                          ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                          ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                          ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                          ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                          ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                          ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                          ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                          ((slva.q0cort13+slva.q0cort14)*(240)/2).
```

```
if (missing(slva.q0cort6)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort7)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort8)*(120)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort8)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort9)*(120)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort9)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort10)*(120)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.
```

```
if (missing(slva.q0cort10)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort11)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort12)*(120)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort12)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort13)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort14)*(390)/2).
```

```
if (missing(slva.q0cort14)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2).

if (missing(slva.q0cort5)=1) and (missing(slva.q0cort6)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
               ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort7)*(180)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort7)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
               ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort8)*(180)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort7)=1) and (missing(slva.q0cort8)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
               ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort9)*(180)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
```

```
if (missing(slva.q0cort8)=1) and (missing(slva.q0cort9)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort10)*(180)/2) +
                    ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort9)=1) and (missing(slva.q0cort10)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort11)*(180)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort10)=1) and (missing(slva.q0cort11)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort12)*(180)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort11)=1) and (missing(slva.q0cort12)=1)
slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                    ((slva.q0cort10+slva.q0cort13)*(270)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
```

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if (missing(slva.q0cort12)=1) and (missing(slva.q0cort13)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort14)*(450)/2).

if (missing(slva.q0cort13)=1) and (missing(slva.q0cort14)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2).

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort8)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                ((slva.q0cort7+slva.q0cort9)*(120)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort9)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort10)*(120)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
```

```
if (missing(slva.q0cort6)=1) and (missing(slva.q0cort10)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort11)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort12)*(120)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort12)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort13)*(210)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).

if (missing(slva.q0cort7)=1) and (missing(slva.q0cort12)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort8)*(120)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                ((slva.q0cort11+slva.q0cort13)*(210)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
```

```
if (missing(slva.q0cort7)=1) and (missing(slva.q0cort14)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort8)*(120)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort10)*(60)/2) +
                    ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2).


if (missing(slva.q0cort9)=1) and (missing(slva.q0cort13)=1) slva.q0cort_auc = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort10)*(120)/2) +
                    ((slva.q0cort10+slva.q0cort11)*(60)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort14)*(390)/2).
execute.

variable labels slva.q0cort_auc "Q'rntine Day 0 Cortisol AUC".
execute.
```

```
* CALCULATE DAY 0 AUC WITHOUT ADJUSTMENT FOR WAKE-UP TIME -- EXCLUDING 2 PM (LUNCH RISE) SAMPLE (SAMPLE 10).
* WAKE-UP SAMPLE EXCLUDED FROM COMPUTATION.
* AUC NOT COMPUTED FOR SUBJECTS MISSING EITHER...
*...SAMPLES 1, 3, OR 4
*...MORE THAN 1 OF THE LAST 3 SAMPLES.

compute slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort5)=1)
slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort6)*(120)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort6)=1)
slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.
```

```
if (missing(slva.q0cort7)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort8)*(120)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort8)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort9)*(120)/2) +
                ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort9)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort11)*(180)/2) +
                ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort11)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
               ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                ((slva.q0cort9+slva.q0cort12)*(180)/2) +
                ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.
```

```
if (missing(slva.q0cort12)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort13)*(210)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort13)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort14)*(390)/2).
execute.

if (missing(slva.q0cort14)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2).
execute.
```

```
if (missing(slva.q0cort5)=1) and (missing(slva.q0cort6)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort7)*(180)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort7)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort8)*(180)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort7)=1) and (missing(slva.q0cort8)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort9)*(180)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort8)=1) and (missing(slva.q0cort9)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort11)*(240)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.
```

```
if (missing(slva.q0cort11)=1) and (missing(slva.q0cort12)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort13)*(330)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort12)=1) and (missing(slva.q0cort13)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort14)*(450)/2).
execute.

if (missing(slva.q0cort13)=1) and (missing(slva.q0cort14)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2).
execute.

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort8)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                    ((slva.q0cort7+slva.q0cort9)*(120)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.
```

```
if (missing(slva.q0cort6)=1) and (missing(slva.q0cort9)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort11)*(180)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort11)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort12)*(180)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort6)=1) and (missing(slva.q0cort12)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort7)*(120)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort13)*(210)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

if (missing(slva.q0cort7)=1) and (missing(slva.q0cort12)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort8)*(120)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort13)*(210)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.
```

```
if (missing(slva.q0cort7)=1) and (missing(slva.q0cort14)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort8)*(120)/2) +
                    ((slva.q0cort8+slva.q0cort9)*(60)/2) +
                    ((slva.q0cort9+slva.q0cort11)*(120)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2).
execute.

if (missing(slva.q0cort9)=1) and (missing(slva.q0cort13)=1) slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(60)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(60)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort8)*(60)/2) +
                    ((slva.q0cort8+slva.q0cort11)*(180)/2) +
                    ((slva.q0cort11+slva.q0cort12)*(60)/2) +
                    ((slva.q0cort12+slva.q0cort14)*(390)/2).
execute.

if (missing(slva.q0cort5)=1) and (missing(slva.q0cort8)=1) and (missing(slva.q0cort11)=1)
slva.q0cort_auc_no2pm = ((slva.q0cort1+slva.q0cort3)*(60)/2) + ((slva.q0cort3+slva.q0cort4)*(75)/2) +
                    ((slva.q0cort4+slva.q0cort6)*(120)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(60)/2) +
                    ((slva.q0cort7+slva.q0cort9)*(120)/2) +
                    ((slva.q0cort9+slva.q0cort12)*(180)/2) +
                    ((slva.q0cort12+slva.q0cort13)*(150)/2) +
                    ((slva.q0cort13+slva.q0cort14)*(240)/2).
execute.

variable labels slva.q0cort_auc_no2pm "Q'rntine Day 0 Cortisol AUC - 2PM sample excluded".
execute.
```