5-Study Aggregate

1986-2011

Sheldon Cohen, PhD
Carnegie Mellon University

Code Book

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Introduction

The Common Cold Project began in 2011 with the aim of creating, documenting, and archiving a database that combines final research data from 5 prospective viral-challenge studies that were conducted over the preceding 25 years: the British Cold Study (BCS); the three Pittsburgh Cold Studies (PCS1, PCS2, and PCS3); and the Pittsburgh Mind-Body Center Cold Study (PMBC). These unique studies assessed predictor (and hypothesized mediating) variables in healthy adults aged 18 to 55 years, experimentally exposed them to a virus that causes the common cold, and then monitored them for development of infection and signs and symptoms of illness. Standard control variables (covariates) included age, sex, socioeconomic status (SES), race/ethnicity, body mass index (BMI), season of the year, and specific antibody (Ab) titer to the challenge virus (specific immunity).

Each of the 5 studies comprising the Common Cold Project was designed to address a specific set of hypotheses. However, many common variables were collected across 2 or more studies. Because the primary outcome of each of the 5 studies was whether participants developed a common cold, all 5 studies include measures of upper respiratory infectious illness (URI) (e.g., infection, signs and symptoms of a cold, local [nasal mucosa] release of pro- and anti-inflammatory cytokines). However, they also include a broad assortment of health-related outcomes not specific to URI such as…

- anthropomorphic measures, such as body mass index and waist circumference;
- complete blood cell counts and differentials;
- measures of functional immunity;
- both self-reported and objectively assessed health behaviors (smoking, alcohol consumption, physical activity, diet, and sleep);
- measures of functional physiology across several biological systems—pulmonary function, resting cardiovascular function, endocrine, and metabolic activity; and
- self-reported assessments of physical and psychological health and well-being.

In addition to the above health-related measures, the 5 studies collected, by questionnaire, data on an extensive range of demographic, psychological, and social variables including…

- adult SES and subjective social standing;
- childhood SES;
- major stressful life events and perceived stress;
- personality;
- psychological expectations and beliefs;
- social relationships; and
- state and trait affect.

Three of the studies also include daily evening interviews (conducted for 6 or 14 days before exposure to a virus and assessing daily social interactions, mood, health behaviors, and physical symptoms; and daily diaries collected during the quarantine period (1 day before and 5-6 days after viral exposure), including cold-specific and nonspecific symptoms, mood, and health behaviors.

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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 formulae 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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INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
subj_id	subject ID		
study.id	Cold Study ID	STUDYID	
INFCOLD	***ASSESSMENT OF INFECTION & COLDS***		
rv2	Challenge virus: RV2	YES/NO	
rv9	Challenge virus: RV9		
rv14	Challenge virus: RV14		
rv23	Challenge virus: RV23		
rv39	Challenge virus: RV39		
cov229e	Challenge virus: Coronavirus 229E		
rsv	Challenge virus: Respiratory Syncytial Virus		
hanks	Challenge virus: Hanks		
flu	Challenge virus: Influenza A		
screen_ab	Screening viral-specific Ab titer		
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
q1.nastitr	Post Day 1 virus titer (log10 EID50/ml)		
q2.nastitr	Post Day 2 virus titer (log10 EID50/ml)		
q3.nastitr	Post Day 3 virus titer (log10 EID50/ml)		
q4.nastitr	Post Day 4 virus titer (log10 EID50/ml)		
q5.nastitr	Post Day 5 virus titer (log10 EID50/ml)		
q6.nastitr	Post Day 6 virus titer (log10 EID50/ml)		
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)		
q6.nasclr	Post Day 6 nasal clearance time (min)		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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)		
q6.mucwt	Post Day 6 mucus weight (g)		
q1.mucwt_adj	Post Day 1 mucus weight (g) - adjusted		q1.mucwt_adj = q1.mucwt - q0.mucwt (repeated for all 5 or 6 post-challenge values)
q2.mucwt_adj	Post Day 2 mucus weight (g) - adjusted		NOTE: if q1.mucwt - q0.mcwt lt 0, q1.mucwt_adj = 0.
q3.mucwt_adj	Post Day 3 mucus weight (g) - adjusted		
q4.mucwt_adj	Post Day 4 mucus weight (g) - adjusted		
q5.mucwt_adj	Post Day 5 mucus weight (g) - adjusted		
q6.mucwt_adj	Post Day 6 mucus weight (g) –adjusted		
post.mucwt_tot	Total Adjusted Post Mucus Weight (g)		post.mucwt_adj = sum(q1.mucwt_adj to q5mucwt_adj)
			Flu: post.mucwt_adj = mean(q1.mucwt_adj to q6.mucwt_adj)*5
q1.nasclr_adj	Post Day 1 nasal clearance (min) - adjusted		q1.nasclr_adj = q1.nasclr - q0.nasclr (repeated for all 5 post-challenge values)
q2.nasclr_adj	Post Day 2 nasal clearance (min) - adjusted		NOTE: if q1.naslcr - q0.nasclr lt 0, q1.nasclr_adj = 0.
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		
q6.nasclr_adj	Post Day 6 nasal clearance (min) - adjusted		
post.nasclr_avg	Avg Adjusted Post Nasal Clearance Time (min)		post.nasclr_adj = mean(q1.nasclr_adj to q5nasclr_adj)
			Flu: post.nasclr_adj = mean(q1.nasclr_adj to q6.nasclr_adj)
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.
q1.shed	Post Day 1 virus shedding	YES/NO	
q2.shed	Post Day 2 virus shedding		
q3.shed	Post Day 3 virus shedding		
q4.shed	Post Day 4 virus shedding		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q5.shed	Post Day 5 virus shedding	YES/NO	
q6.shed	Post Day 6 virus shedding		
q7.shed	Post Day 7 virus shedding (BCS ONLY)		
post.sheddays	Total Post days shed virus		post.sheddays = sum.5(q1.shed to q5.shed)
			Flu: post.sheddays = mean(q1.shed to q6.shed)*5
			BCS: post.sheddays = mean(q2.shed to q7.shed)*5
post.shedany	Any Post virus shedding?	YES/NO	if post.sheddays ≥ 1, post.shedany = 1; if post.sheddays = 0, post.shedany = 0
symp	*****SELF-REPORTED COLD SYMPS*****		
q0.nascon	Pre-challenge (Day 0) nasal congestion	SYMPSEV	
q1.nascon	Post Day 1 nasal congestion		
q2.nascon	Post Day 2 nasal congestion		
q3.nascon	Post Day 3 nasal congestion		
q4.nascon	Post Day 4 nasal congestion		
q5.nascon	Post Day 5 nasal congestion		
q6.nascon	Post Day 6 nasal congestion		
q0.sneez	Pre-challenge (Day 0) sneezing	SYMPSEV	
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		
q6.sneez	Post Day 6 sneezing		
q0.runno	Pre-challenge (Day 0) runny nose	SYMPSEV	
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		
q6.runno	Post Day 6 runny nose		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.srthr	Pre-challenge (Day 0) sore throat	SYMPSEV	
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		
q6.srthr	Post Day 6 sore throat		
q0.cough	Pre-challenge (Day 0) cough	SYMPSEV	
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		
q6.cough	Post Day 6 cough		
q0.hdach	Pre-challenge (Day 0) headache	SYMPSEV	
q1.hdach	Post Day 1 headache		
q2.hdach	Post Day 2 headache		
q3.hdach	Post Day 3 headache		
q4.hdach	Post Day 4 headache		
q5.hdach	Post Day 5 headache		
q6.hdach	Post Day 6 headache		
q0.chill	Pre-challenge (Day 0) chills	SYMPSEV	
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		
q6.chill	Post Day 6 chills		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.malais	Pre-challenge (Day 0) malaise	SYMPSEV	
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		
q6.malais	Post Day 6 malaise		
q0.cold	Pre-challenge (Day 0) Have a cold or flu?	YES/NO	
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?		
q6.cold	Post Day 6 Have a cold or flu?		
flusymptoms	***FLU-RELATED SYMPTOMS***		
q0.msclach	Pre-challenge (Day 0) muscle ache	SYMPSEV	
q1.msclach	Post-challenge Day 1 muscle ache		
q2.msclach	Post-challenge Day 2 muscle ache		
q3.msclach	Post-challenge Day 3 muscle ache		
q4.msclach	Post-challenge Day 4 muscle ache		
q5.msclach	Post-challenge Day 5 muscle ache		
q6.msclach	Post-challenge Day 6 muscle ache		
q0.jntach	Pre-challenge (Day 0) joint ache	SYMPSEV	
q1.jntach	Post-challenge Day 1 joint ache		
q2.jntach	Post-challenge Day 2 joint ache		
q3.jntach	Post-challenge Day 3 joint ache		
q4.jntach	Post-challenge Day 4 joint ache		
q5.jntach	Post-challenge Day 5 joint ache		
q6.jntach	Post-challenge Day 6 joint ache		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.sweat	Pre-challenge (Day 0) sweating	SYMPSEV	
q1.sweat	Post-challenge Day 1 sweating		
q2.sweat	Post-challenge Day 2 sweating		
q3.sweat	Post-challenge Day 3 sweating		
q4.sweat	Post-challenge Day 4 sweating		
q5.sweat	Post-challenge Day 5 sweating		
q6.sweat	Post-challenge Day 6 sweating		
q0.fever	Pre-challenge (Day 0) fever	SYMPSEV	
q1.fever	Post-challenge Day 1 fever		
q2.fever	Post-challenge Day 2 fever		
q3.fever	Post-challenge Day 3 fever		
q4.fever	Post-challenge Day 4 fever		
q5.fever	Post-challenge Day 5 fever		
q6.fever	Post-challenge Day 6 fever		
complications	***COLD/FLU COMPLICATIONS***		
q0.chstcon	Pre-challenge (Day 0) chest congestion	SYMPSEV	
q1.chstcon	Post-challenge Day 1 chest congestion		
q2.chstcon	Post-challenge Day 2 chest congestion		
q3.chstcon	Post-challenge Day 3 chest congestion		
q4.chstcon	Post-challenge Day 4 chest congestion		
q5.chstcon	Post-challenge Day 5 chest congestion		
q6.chstcon	Post-challenge Day 6 chest congestion		
q0.earach	Pre-challenge (Day 0) earache	SYMPSEV	
q1.earach	Post-challenge Day 1 earache		
q2.earach	Post-challenge Day 2 earache		
q3.earach	Post-challenge Day 3 earache		
q4.earach	Post-challenge Day 4 earache		
q5.earach	Post-challenge Day 5 earache		
q6.earach	Post-challenge Day 6 earache		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.sinpn	Pre-challenge (Day 0) sinus pain	SYMPSEV	
q1.sinpn	Post-challenge Day 1 sinus pain		
q2.sinpn	Post-challenge Day 2 sinus pain		
q3.sinpn	Post-challenge Day 3 sinus pain		
q4.sinpn	Post-challenge Day 4 sinus pain		
q5.sinpn	Post-challenge Day 5 sinus pain		
q6.sinpn	Post-challenge Day 6 sinus pain		
generalillness	*****GENERAL ILLNESS SYMPS*****		
q0.poorap	Pre-challenge (Day 0) poor appetite	SYMPSEV	
q1.poorap	Post Day 1 poor appetite		
q2.poorap	Post Day 2 poor appetite		
q3.poorap	Post Day 3 poor appetite		
q4.poorap	Post Day 4 poor appetite		
q5.poorap	Post Day 5 poor appetite		
q6.poorap	Post Day 6 poor appetite		
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		
q6.jacksn_scr	Post Day 6 Jackson Symp Score		
q1.runno_adj	Post Day 1 runny nose - adjusted		q1.runno_adj = q1.runno-q0.runno (repeated for all 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		
q6.runno_adj	Post Day 6 runny nose - adjusted		

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.sneez_adj	Post Day 1 sneezing - adjusted		q1.sneez_adj = q1.sneez-q0.sneez (repeated for all 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		
q6.sneez_adj	Post Day 6 sneezing - adjusted		
q1.srthr_adj	Post Day 1 sore throat - adjusted		q1.srthr_adj = q1.srthr-q0.srthr (repeated for all 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		
q6.srthr_adj	Post Day 6 sore throat - adjusted		
q1.nascon_adj	Post Day 1 nasal congestion - adjusted		q1.nascon_adj = q1.nascon-q0.nascon (repeated for all post-challenge days) NOTE: if q1.nascon - q0.nascon lt 0, q1.nascon_adj = 0.
q2.nascon_adj	Post Day 2 nasal congestion - adjusted		
q3.nascon_adj	Post Day 3 nasal congestion - adjusted		
q4.nascon_adj	Post Day 4 nasal congestion - adjusted		
q5.nascon_adj	Post Day 5 nasal congestion - adjusted		
q6.nascon_adj	Post Day 6 nasal congestion - adjusted		
q1.cough_adj	Post Day 1 cough - adjusted		q1.cough_adj = q1.cough-q0.cough (repeated for all 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		
q6.cough_adj	Post Day 6 cough - adjusted		
q1.hdach_adj	Post Day 1 headache - adjusted		q1.hdach_adj = q1.hdach-q0.hdach (repeated for all 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		
q6.hdach_adj	Post Day 6 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 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		
q6.chill_adj	Post Day 6 chills - adjusted		
q1.malais_adj	Post Day 1 malaise - adjusted		q1.malais_adj = q1.malais-q0.malais (repeated for all 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		
q6.malais_adj	Post Day 6 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 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		
q6.jacksn_scr_adj	Post Day 6 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		
q6.totsymp_adj	Post Day 6 Total # Jackson Symps		
post.sneez_avg	Avg Adjusted Post Sneezing Severity		post.sneez_avg = mean of all adjusted post-challenge sneezing scores
post.runno_avg	Avg Adjusted Post Runny Nose Severity		post.runno_avg = mean of all adjusted post-challenge runny nose scores
post.nascon_avg	Avg Adjusted Post Nasal congest Severity		post.nascon_avg = mean of all adjusted post-challenge nasal congestion scores
post.cough_avg	Avg Adjusted Post Cough Severity		post.cough_avg = mean of all adjusted post-challenge cough scores

INFECTION & COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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_avg	Total Adjusted Post Jackson Symp Score		post.jacksn_scr_tot = sum.5(q1.jacksn_scr_adj to q5.jacksn_scr_adj)
			Flu: post.jackson_scr_tot = mean(q1.jacksn_scr_adj to q6.jacksn_scr_adj)*5.
post.totsymp	Total # Jackson Symps (adjusted)		post.totsymp = sum.5(q1.totsymp_adj to q5.totsymp_adj)
			Flu: post.totsymp = mean(q1.totsymp_adj to q6.totsymp_adj)*5.
post.sneezdays	Total Post Days with Sneezing		count post.sneezdays = q1.sneez_adj to q5.sneez_adj (1 thru highest)
			Flu: [count post.sneezdays = q1.sneez_adj to q6.sneez_adj (1 thru highest)]*0.83
post.runnodays	Total Post Days with Runny Nose		count post.runnodays = q1.runno_adj to q5.runno_adj (1 thru highest)
			Flu: [count post.runnodays = q1.runno_adj to q6.runno_adj (1 thru highest)]*0.83
post.nascondays	Total Post Days with Nasal congest		count post.nascondays = q1.nascon_adj to q5.nascon_adj (1 thru highest)
			Flu: [count post.nascondays = q1.nascon_adj to q6.nascon_adj (1 thru highest)]*0.83
post.coughdays	Total Post Days with Cough		count post.coughdays = q1.cough_adj to q5.cough_adj (1 thru highest)
			Flu: [count post.coughdays = q1.cough_adj to q6.cough_adj (1 thru highest)]*0.83
post.srthrdays	Total Post Days with Sore Throat		count post.srthrdays = q1.srthr_adj to q5.srthr_adj (1 through highest)
			Flu: [count post.srthrdays = q1.srthr_adj to q6.srthr_adj (1 thru highest)]*0.83
post.hdachdays	Total Post Days with Headache		count post.hdachdays = q1.hdach_adj to q5.hdach_adj (1 thru highest)
			Flu: [count post.hdachdays = q1.hdach_adj to q6.hdach_adj (1 thru highest)]*0.83
post.chilldays	Total Post Days with Chills		count post.chilldays = q1.chill_adj to q5.chill_adj (1 thru highest)
			Flu: [count post.chilldays = q1.chill_adj to q6.chill_adj (1 thru highest)]*0.83
post.malaisdays	Total Post Days with Malaise		count post.malaisdays = q1.malais_adj to q5.malais_adj (1 thru highest)
			Flu: [count post.malaisdays = q1.malais_adj to q6.malais_adj (1 thru highest)]*0.83
post.colddays	Total Post Days Reporting Cold or Flu		post.colddays = sum(q1.cold to q5.cold)
			Flu: post.colddays = mean(q1.cold to q6.cold)*5

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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
		SERO	0=Did not seroconvert		3=severe
			1=4-fold increase detected		4=very severe

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BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
BIOPATH	*****BEGIN BIOLOGICAL PATHWAYS DATA*****		
anthr	*****ANTHROPOMORPHICS*****		
height_cm	Height (cm)		
weight_kg	Weight (kg)		
waist_cm	Waist circumference (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		
q6.naspsg	Post-challenge Day 6 patency of nasal passages (PMBC FLU ONLY)		
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		
q6.naspsg	Post-challenge Day 6 patency of nasal passages (PMBC FLU ONLY)		
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		
q6.naspsg	Post-challenge Day 6 patency of nasal passages (PMBC FLU ONLY)		

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BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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		
q5.rhnqnt	Post-challenge Day 5 quantity of rhinorrhea		
q6.rhnqnt	Post-challenge Day 6 quantity of rhinorrhea (PMBC FLU ONLY)		
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		
q6.rhnqual	Post-challenge Day 6 quality of rhinorrhea (PMBC FLU ONLY)		
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		
q6.rhncolr	Post-challenge Day 6 color of rhinorrhea (PMBC FLU ONLY)		
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		
q6.sindis	Post-challenge Day 6 sinus discharge (PMBC FLU ONLY)		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
mep	*****MIDDLE EAR PRESSURE*****		
q0.rmep_eve	Pre-challenge (Day 0) right middle ear pressure evening		
q0.rmep_mrn	Pre-challenge (Day 0) right middle ear pressure morning		
q0.rmep_aft	Pre-challenge (Day 0) right middle ear pressure afternoon		
q1.rmep_eve	Post-challenge Day 1 right middle ear pressure evening		
q1.rmep_mrn	Post-challenge Day 1 right middle ear pressure morning		
q1.rmep_aft	Post-challenge Day 1 right middle ear pressure afternoon		
q2.rmep_eve	Post-challenge Day 2 right middle ear pressure evening		
q2.rmep_mrn	Post-challenge Day 2 right middle ear pressure morning		
q2.rmep_aft	Post-challenge Day 2 right middle ear pressure afternoon		
q3.rmep_eve	Post-challenge Day 3 right middle ear pressure evening		
q3.rmep_mrn	Post-challenge Day 3 right middle ear pressure morning		
q3.rmep_aft	Post-challenge Day 3 right middle ear pressure afternoon		
q4.rmep_eve	Post-challenge Day 4 right middle ear pressure evening		
q4.rmep_mrn	Post-challenge Day 4 right middle ear pressure morning		
q4.rmep_aft	Post-challenge Day 4 right middle ear pressure afternoon		
q5.rmep_eve	Post-challenge Day 5 right middle ear pressure evening		
q5.rmep_mrn	Post-challenge Day 5 right middle ear pressure morning		
q5.rmep_aft	Post-challenge Day 5 right middle ear pressure afternoon		
q6.rmep_eve	Post-challenge Day 6 right middle ear pressure evening (PMBC FLU ONLY)		
q6.rmep_mrn	Post-challenge Day 6 right middle ear pressure morning (PMBC FLU ONLY)		
q6.rmep_aft	Post-challenge Day 6 right middle ear pressure afternoon (PMBC FLU ONLY)		
q0.lmep_eve	Pre-challenge (Day 0) left middle ear pressure evening		
q0.lmep_mrn	Pre-challenge (Day 0) left middle ear pressure morning		
q0.lmep_aft	Pre-challenge (Day 0) left middle ear pressure afternoon		
q1.lmep_eve	Post-challenge Day 1 left middle ear pressure evening		
q1.lmep_mrn	Post-challenge Day 1 left middle ear pressure morning		
q1.lmep_aft	Post-challenge Day 1 left middle ear pressure afternoon		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q2.lmep_eve	Post-challenge Day 2 left middle ear pressure evening		
q2.lmep_mrn	Post-challenge Day 2 left middle ear pressure morning		
q2.lmep_aft	Post-challenge Day 2 left middle ear pressure afternoon		
q3.lmep_eve	Post-challenge Day 3 left middle ear pressure evening		
q3.lmep_mrn	Post-challenge Day 3 left middle ear pressure morning		
q3.lmep_aft	Post-challenge Day 3 left middle ear pressure afternoon		
q4.lmep_eve	Post-challenge Day 4 left middle ear pressure evening		
q4.lmep_mrn	Post-challenge Day 4 left middle ear pressure morning		
q4.lmep_aft	Post-challenge Day 4 left middle ear pressure afternoon		
q5.lmep_eve	Post-challenge Day 5 left middle ear pressure evening		
q5.lmep_mrn	Post-challenge Day 5 left middle ear pressure morning		
q5.lmep_aft	Post-challenge Day 5 left middle ear pressure afternoon		
q6.lmep_eve	Post-challenge Day 6 left middle ear pressure evening (PMBC FLU ONLY)		
q6.lmep_mrn	Post-challenge Day 6 left middle ear pressure morning (PMBC FLU ONLY)		
q6.lmep_aft	Post-challenge Day 6 left middle ear pressure afternoon (PMBC FLU ONLY)		
immf	*****FUNCTIONAL IMMUNE DATA*****		
nas	*****LOCAL (NASAL) CYTOKINE PRODUCTION*****		
q0.ifna_nas	Pre-challenge (Day 0) nasal Interferon alpha		
q1.ifna_nas	Post-challenge Day 1 nasal Interferon alpha		
q2.ifna_nas	Post-challenge Day 2 nasal Interferon alpha		
q3.ifna_nas	Post-challenge Day 3 nasal Interferon alpha		
q4.ifna_nas	Post-challenge Day 4 nasal Interferon alpha		
q5.ifna_nas	Post-challenge Day 5 nasal Interferon alpha		
q6.ifna_nas	Post-challenge Day 6 nasal Interferon alpha (PMBC FLU ONLY)		
q1.ifna_nas_adj	Post-challenge Day 1 nasal Interferon alpha, adjusted for Day 0		
q2.ifna_nas_adj	Post-challenge Day 2 nasal Interferon alpha, adjusted for Day 0		
q3.ifna_nas_adj	Post-challenge Day 3 nasal Interferon alpha, adjusted for Day 0		
q4.ifna_nas_adj	Post-challenge Day 4 nasal Interferon alpha, adjusted for Day 0		
q5.ifna_nas_adj	Post-challenge Day 5 nasal Interferon alpha, adjusted for Day 0		
q6.ifna_nas_adj	Post-challenge Day 6 nasal Interferon alpha, adjusted for Day 0		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.il1b_nas	Pre-challenge (Day 0) nasal IL-1 beta		
q1.il1b_nas	Post-challenge Day 1 nasal IL-1 beta		
q2.il1b_nas	Post-challenge Day 2 nasal IL-1 beta		
q3.il1b_nas	Post-challenge Day 3 nasal IL-1 beta		
q4.il1b_nas	Post-challenge Day 4 nasal IL-1 beta		
q5.il1b_nas	Post-challenge Day 5 nasal IL-1 beta		
q6.il1b_nas	Post-challenge Day 6 nasal IL-1 beta (PMBC FLU ONLY)		
q1.il1b_nas_adj	Post-challenge Day 1 nasal IL-1 beta, adjusted for Day 0		q1.il1b_nas_adj = q1.il1b_nas - q0.il1b_nas.
q2.il1b_nas_adj	Post-challenge Day 2 nasal IL-1 beta, adjusted for Day 0		q2.il1b_nas_adj = q2.il1b_nas - q0.il1b_nas.
q3.il1b_nas_adj	Post-challenge Day 3 nasal IL-1 beta, adjusted for Day 0		q3.il1b_nas_adj = q3.il1b_nas - q0.il1b_nas.
q4.il1b_nas_adj	Post-challenge Day 4 nasal IL-1 beta, adjusted for Day 0		q4.il1b_nas_adj = q4.il1b_nas - q0.il1b_nas.
q5.il1b_nas_adj	Post-challenge Day 5 nasal IL-1 beta, adjusted for Day 0		q5.il1b_nas_adj = q5.il1b_nas - q0.il1b_nas.
q6.il1b_nas_adj	Post-challenge Day 6 nasal IL-1 beta, adjusted for Day 0		q6.il1b_nas_adj = q6.il1b_nas - q0.il1b_nas.
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		
q6.il6_nas	Post-challenge Day 6 nasal IL-6 (PMBC FLU ONLY)		
q1.il6_nas_adj	Post-challenge Day 1 nasal IL-6, adjusted for Day 0		q1.il6_nas_adj = q1.il6_nas - q0.il6_nas.
q2.il6_nas_adj	Post-challenge Day 2 nasal IL-6, adjusted for Day 0		q2.il6_nas_adj = q2.il6_nas - q0.il6_nas.
q3.il6_nas_adj	Post-challenge Day 3 nasal IL-6, adjusted for Day 0		q3.il6_nas_adj = q3.il6_nas - q0.il6_nas.
q4.il6_nas_adj	Post-challenge Day 4 nasal IL-6, adjusted for Day 0		q4.il6_nas_adj = q4.il6_nas - q0.il6_nas.
q5.il6_nas_adj	Post-challenge Day 5 nasal IL-6, adjusted for Day 0		q5.il6_nas_adj = q5.il6_nas - q0.il6_nas.
q6.il6_nas_adj	Post-challenge Day 6 nasal IL-6, adjusted for Day 0		q6.il6_nas_adj = q6.il6_nas - q0.il6_nas.
q0.il8_nas	Pre-challenge (Day 0) nasal IL-8 (pg/ml)		q1.il8_nas_adj = q1.il8_nas - q0.il8_nas.
q1.il8_nas	Post-challenge Day 1 nasal IL-8 (pg/ml)		q2.il8_nas_adj = q2.il8_nas - q0.il8_nas.
q2.il8_nas	Post-challenge Day 2 nasal IL-8 (pg/ml)		q3.il8_nas_adj = q3.il8_nas - q0.il8_nas.

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BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q3.il8_nas	Post-challenge Day 3 nasal IL-8 (pg/ml)		q4.il8_nas_adj = q4.il8_nas - q0.il8_nas.
q4.il8_nas	Post-challenge Day 4 nasal IL-8 (pg/ml)		q5.il8_nas_adj = q5.il8_nas - q0.il8_nas.
q5.il8_nas	Post-challenge Day 5 nasal IL-8 (pg/ml)		q1.il8_nas_adj = q1.il8_nas - q0.il8_nas.
q0.tnfa_nas	Pre-challenge (Day 0) nasal TNF alpha		
q1.tnfa_nas	Post-challenge Day 1 nasal TNF alpha		
q2.tnfa_nas	Post-challenge Day 2 nasal TNF alpha		
q3.tnfa_nas	Post-challenge Day 3 nasal TNF alpha		
q4.tnfa_nas	Post-challenge Day 4 nasal TNF alpha		
q5.tnfa_nas	Post-challenge Day 5 nasal TNF alpha		
q6.tnfa_nas	Post-challenge Day 6 nasal TNF alpha (PMBC FLU ONLY)		
q1.tnfa_nas_adj	Post-challenge Day 1 nasal TNF alpha, adjusted for Day 0		q1.tnfa_nas_adj = q1.tnfa_nas - q0.tnfa_nas.
q2.tnfa_nas_adj	Post-challenge Day 2 nasal TNF alpha, adjusted for Day 0		q2.tnfa_nas_adj = q2.tnfa_nas - q0.tnfa_nas.
q3.tnfa_nas_adj	Post-challenge Day 3 nasal TNF alpha, adjusted for Day 0		q3.tnfa_nas_adj = q3.tnfa_nas - q0.tnfa_nas.
q4.tnfa_nas_adj	Post-challenge Day 4 nasal TNF alpha, adjusted for Day 0		q4.tnfa_nas_adj = q4.tnfa_nas - q0.tnfa_nas.
q5.tnfa_nas_adj	Post-challenge Day 5 nasal TNF alpha, adjusted for Day 0		q5.tnfa_nas_adj = q5.tnfa_nas - q0.tnfa_nas.
q6.tnfa_nas_adj	Post-challenge Day 6 nasal TNF alpha, adjusted for Day 0		q6.tnfa_nas_adj = q6.tnfa_nas - q0.tnfa_nas.
q0miss_nas	Missing any cytokine data on Day 0	MISS	
q1miss_nas	Missing any cytokine data on Day 1		
q2miss_nas	Missing any cytokine data on Day 2		
q3miss_nas	Missing any cytokine data on Day 3		
q4miss_nas	Missing any cytokine data on Day 4		
q5miss_nas	Missing any cytokine data on Day 5		
q6miss_nas	Missing any cytokine data on Day 6		
ifna_nas_excluded	Missing IFN alpha data on 1 or more days	MISS	
il1b_nas_excluded	Missing IL1-B data on 1 or more days		
il6_nas_excluded	Missing IL-6 data on 1 or more days		
il8_nas_excluded	Missing IL-8 data on 1 or more days		
tnfa_nas_excluded	Missing TNF alpha data on 1 or more days		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
ifna_nas_auc_0miss	Post-challenge IFN alpha AUC (no missing data)		ifna_nas_auc_0miss = ((q1.ifna_nas_adj + q2.ifna_nas_adj)/2)+ ((q2.ifna_nas_adj + q3.ifna_nas_adj)/2)+((q3.ifna_nas_adj + q4.ifna_nas_adj)/2) +((q4.ifna_nas_adj+q5.ifna_nas_adj)/2).
			Flu: ifna_nas_auc_0miss = ((q1.ifna_nas_adj + q2.ifna_nas_adj)/2) + ((q2.ifna_nas_adj + q3.ifna_nas_adj)/2)+((q3.ifna_nas_adj + q4.ifna_nas_adj)/2) +((q4.ifna_nas_adj + q5.ifna_nas_adj)/2)+((q5.ifna_nas_adj+q6.ifna_nas_adj)/2).
il1b_nas_auc_0miss	Post-challenge IL-1B AUC (no missing data)		il1b_nas_auc_0miss = ((q1.il1b_nas_adj + q2.il1b_nas_adj)/2)+ ((q2.il1b_nas_adj + q3.il1b_nas_adj)/2)+((q3.il1b_nas_adj + q4.il1b_nas_adj)/2) +((q4.il1b_nas_adj+q5.il1b_nas_adj)/2).
			Flu: il1b_nas_auc_0miss = ((q1.il1b_nas_adj + q2.il1b_nas_adj)/2) + ((q2.il1b_nas_adj + q3.il1b_nas_adj)/2)+((q3.il1b_nas_adj + q4.il1b_nas_adj)/2) +((q4.il1b_nas_adj + q5.il1b_nas_adj)/2)+((q5.il1b_nas_adj+q6.il1b_nas_adj)/2).
il6_nas_auc_0miss	Post-challenge IL-6 AUC (no missing data)		il6_nas_auc_0miss = ((q1.il6_nas_adj + q2.il6_nas_adj)/2)+ ((q2.il6_nas_adj + q3.il6_nas_adj)/2)+((q3.il6_nas_adj + q4.il6_nas_adj)/2) +((q4.il6_nas_adj+q5.il6_nas_adj)/2).
			Flu: il6_nas_auc_0miss = ((q1.il6_nas_adj + q2.il6_nas_adj)/2) + ((q2.il6_nas_adj + q3.il6_nas_adj)/2)+((q3.il6_nas_adj + q4.il6_nas_adj)/2) +((q4.il6_nas_adj + q5.il6_nas_adj)/2)+((q5.il6_nas_adj+q6.il6_nas_adj)/2).
tnfa_nas_auc_0miss	Post-challenge TNF alpha AUC (no missing data)		tnfa_nas_auc_0miss = ((q1.tnfa_nas_adj + q2.tnfa_nas_adj)/2)+ ((q2.tnfa_nas_adj + q3.tnfa_nas_adj)/2)+((q3.tnfa_nas_adj + q4.tnfa_nas_adj)/2) +((q4.tnfa_nas_adj+q5.tnfa_nas_adj)/2).
			Flu: tnfa_nas_auc_0miss = ((q1.tnfa_nas_adj + q2.tnfa_nas_adj)/2) + ((q2.tnfa_nas_adj + q3.tnfa_nas_adj)/2)+((q3.tnfa_nas_adj + q4.tnfa_nas_adj)/2) +((q4.tnfa_nas_adj+q5.tnfa_nas_adj)/2)+((q5.tnfa_nas_adj+q6.tnfa_nas_adj)/2).
il8_nas_auc_0miss	Post-challenge Adjusted IL-8 AUC (no missing data)		il8_nas_auc_0miss = ((q1.il8_nas_adj + q2.il8_nas_adj)/2)+ ((q2.il8_nas_adj + q3.il8_nas_adj)/2)+((q3.il8_nas_adj + q4.il8_nas_adj)/2) +((q4.il8_nas_adj+q5.il8_nas_adj)/2).

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BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
immq	*****QUANTITATIVE IMMUNE DATA*****		
cd4pctt	% T cells that are T-helper cells (range: 0-99)		
cd8pctt	% T cells that are T-suppressor cells (range: 0-99)		
cd3pct	% lymphocytes that are T cells (range: 0-99)		
cd19pct	% lymphocytes that are B cells (range: 0-99)		
cd3abs	T cell count (computed)		
cd19abs	B-cell count (computed)		
cd4abs	T-helper count (computed)		
cd8abs	T-suppressor count (computed)		
cd3pctwc	% WBCs that are T-cells (range: 0-99)		
cd19pctwc	% WBCs that are B-cells (range: 0-99)		
cd4pctwc	% WBCs that are T-helper cells (range: 0-99)		
cd8pctwc	% WBCs that are T-suppressor cells (range: 0-99)		
rst	*****RESTING BIOLOGICAL MEASURES*****		
q0.temp_mrn	Pre-challenge (Day 0) morning temperature (Fahrenheit)		
q0.temp_aft	Pre-challenge (Day 0) afternoon temperature (Fahrenheit)		
q1.temp_eve	Post-challenge Day 1 evening temperature (Fahrenheit)		
q1.temp_mrn	Post-challenge Day 1 morning temperature (Fahrenheit)		
q1.temp_aft	Post-challenge Day 1 afternoon temperature (Fahrenheit)		
q2.temp_eve	Post-challenge Day 2 evening temperature (Fahrenheit)		
q2.temp_mrn	Post-challenge Day 2 morning temperature (Fahrenheit)		
q2.temp_aft	Post-challenge Day 2 afternoon temperature (Fahrenheit)		
q3.temp_eve	Post-challenge Day 3 evening temperature (Fahrenheit)		
q3.temp_mrn	Post-challenge Day 3 morning temperature (Fahrenheit)		
q3.temp_aft	Post-challenge Day 3 afternoon temperature (Fahrenheit)		
q4.temp_eve	Post-challenge Day 4 evening temperature (Fahrenheit)		
q4.temp_mrn	Post-challenge Day 4 morning temperature (Fahrenheit)		
q4.temp_aft	Post-challenge Day 4 afternoon temperature (Fahrenheit)		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q5.temp_eve	Post-challenge Day 5 evening temperature (Fahrenheit)		
q5.temp_mrn	Post-challenge Day 5 morning temperature (Fahrenheit)		
q5.temp_aft	Post-challenge Day 5 afternoon temperature (Fahrenheit)		
q6.temp_eve	Post-challenge Day 6 evening temperature (Fahrenheit)		
q6.temp_mrn	Post-challenge Day 6 morning temperature (Fahrenheit)		
q6.temp_aft	Post-challenge Day 6 afternoon temperature (Fahrenheit)		
q7.temp_mrn	Post-challenge Day 7 morning temp (Fahrenheit) – BCS ONLY		
q7.temp_aft	Post-challenge Day 7 afternoon temp (Fahrenheit) – BCS ONLY		
q8.temp_mrn	Post-challenge Day 8 morning temp (Fahrenheit) – BCS ONLY		
q8.temp_aft	Post-challenge Day 8 afternoon temp (Fahrenheit) – BCS ONLY		
q0.temp	Pre-challenge (Day 0) average temperature (Fahrenheit)		q0.temp = mean(q0.temp_mrn, q0.temp_aft, q0.temp_eve)
q1.temp	Post-challenge Day 1 average temperature (Fahrenheit)		q1.temp = mean(q1.temp_mrn, q1.temp_aft, q1.temp_eve)
q2.temp	Post-challenge Day 2 average temperature (Fahrenheit)		q2.temp = mean(q2.temp_mrn, q2.temp_aft, q2.temp_eve)
q3.temp	Post-challenge Day 3 average temperature (Fahrenheit)		q3.temp = mean(q3.temp_mrn, q3.temp_aft, q3.temp_eve)
q4.temp	Post-challenge Day 4 average temperature (Fahrenheit)		q4.temp = mean(q4.temp_mrn, q4.temp_aft, q4.temp_eve)
q5.temp	Post-challenge Day 5 average temperature (Fahrenheit)		q5.temp = mean(q5.temp_mrn, q5.temp_aft, q5.temp_eve)
q6.temp	Post-challenge Day 6 average temperature (Fahrenheit)		q6.temp = mean(q6.temp_mrn, q6.temp_aft, q6.temp_eve)
q7.temp	Post-challenge Day 7 average temperature (Fahrenheit)		q7.temp = mean(q7.temp_mrn, q7.temp_aft)
q8.temp	Post-challenge Day 8 average temperature (Fahrenheit)		q8.temp = mean(q8.temp_mrn, q8.temp_aft)
pre_sbp	Avg. Pre-Exposure SBP (4-6 wks pre-Quarantine) – PMBC ONLY		
q0.sbp	Pre-challenge (Day 0) resting systolic blood pressure		
q1.sbp	Post-challenge Day 1 resting systolic BP		
q2.sbp	Post-challenge Day 2 resting systolic BP		
q3.sbp	Post-challenge Day 3 resting systolic BP		
q4.sbp	Post-challenge Day 4 resting systolic BP		
q5.sbp	Post-challenge Day 5 resting systolic BP		
q6.sbp	Post-challenge Day 6 resting systolic BP (PMBC FLU ONLY)		
pre_dbp	Avg. Pre-Exposure DBP (4-6 wks pre-Quarantine) – PMBC ONLY		
q0.dbp	Pre-challenge (Day 0) resting diastolic BP		

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BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.dbp	Post-challenge Day 1 resting diastolic BP		
q2.dbp	Post-challenge Day 2 resting diastolic BP		
q3.dbp	Post-challenge Day 3 resting diastolic BP		
q4.dbp	Post-challenge Day 4 resting diastolic BP		
q5.dbp	Post-challenge Day 5 resting diastolic BP		
q6.dbp	Post-challenge Day 6 resting diastolic BP		
pre_plsp	Avg. Pre-Exposure Pulse Pressure (4-6 wks pre-Q'tine) – PMBC ONLY		pre_plsp = pre_sbp-pre_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
q6.plsp	Post-challenge Day 6 resting pulse pressure		q6.plsp = q6.sbp-q6.dbp
pre_map	Avg. Pre-Exposure MAP (4-6 wks pre-Q'tine) – PMBC ONLY		pre_map = [(2*pre_dbp) + pre_sbp]/3
q0.map	Pre-challenge (Day 0) resting mean arterial pressure		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
q6.map	post-challenge day 6 resting mean arterial pressure		q6.map = [(2*q6.dbp) + q6.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		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
endo	****ENDOCRINE DATA*****		
u24.totvol1	Pre-Quarantine (home): 24-hr total urine vol (mL)		
u24.totvol2	Quarantine Day 0: 24-hr total urine vol (mL)		
u24.cr_mgvol1	Pre-Q' (home): 24-hr creatinine output (mg/tot vol)		
u24.cr_mgvol2	Quarantine Day 0: 24-hr creatinine output (mcg/tot vol)		
u24.epi_mcgvol1	Pre-Quarantine (home): 24-hr E output (mcg/tot vol)		
u24.ne_mcgvol1	Pre-Quarantine (home): 24-hr NE output (mcg/tot vol)		
u24.da_mcgvol1	Pre-Quarantine (home): 24-hr DA output (mcg/tot vol)		
u24.epi_mcgvol2	Quarantine Day 0: 24-hr total E output (mcg/tot vol)		
u24.ne_mcgvol2	Quarantine Day 0: 24-hr total NE output (mcg/tot vol)		
u24.da_mcgvol2	Quarantine Day 0: 24-hr total DA output (mcg/tot vol)		
u24.ne1mcg_cr1mg	Pre-Q'ntine (home): 24-hr NE (mcg) / creatinine (mg)		u24.ne1mcg_cr1mg =u24.ne_mcgvol1/u24.cr_mgvol1.
u24.ne2mcg_cr2mg	Quarantine Day 0: 24-hr NE (mcg) / creatinine (mg)		u24.ne2mcg_cr2mg =u24.ne_mcgvol2/u24.cr_mgvol2.
u24.epi1mcg_cr1mg	Pre-Q'ntine (home): 24-hr E (mcg) / creatinine (mg)		u24.epi1mcg_cr1mg =u24.epi_mcgvol1/u24.cr_mgvol1.
u24.epi2mcg_cr2mg	Quarantine Day 0: 24-hr E (mcg) / creatinine (mg)		u24.epi2mcg_cr2mg =u24.epi_mcgvol2/u24.cr_mgvol2.
u24.da1mcg_cr1mg	Pre-Q'ntine (home): 24-hr DA (mcg) / creatinine (mg)		u24.da1mcg_cr1mg =u24.da_mcgvol1/u24.cr_mgvol1.
u24.da2mcg_cr2mg	Quarantine Day 0: 24-hr DA (mcg) / creatinine (mg)		u24.da2mcg_cr2mg =u24.da_mcgvol2/u24.cr_mgvol2.
u24.ne_mcgvol1_new	Pre-Quarantine (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.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
u24.epi_mcgvol1_new	Pre-Quarantine (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.
u24.da_mcgvol1_new	Pre-Quarantine (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.ne_mcgvol2_new	Quarantine Day 0: 24-hr NE output (rescored)		Pariticpants w/incomplete samples scored as missing. See above.
u24.epi_mcgvol2_new	Quarantine Day 0: 24-hr E output (rescored)		Pariticpants w/incomplete samples scored as missing. See above.
u24.da_mcgvol2_new	Quarantine Day 0: 24-hr DA 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.ne_mcgvol_nwav	Average of u24.ne_mcgvol1_new & u24.ne_mcgvol2_new		u24.ne_mcgvol_nwav=mean.2(u24.ne_mcgvol1_new, u24.ne_mcgvol2_new).

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
u24.ne_cr_avg	Avg 24-hr NE (mcg) / creatinine (mg)		u24.ne_cr_avg = mean.2(u24.ne1mcg_cr1mg, u24.ne2mcg_cr2mg).
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.epi_mcgvol_nwav	Avg of u24.epi_mcgvol1_new & u24.epi_mcgvol2_new		u24.epi_mcgvol_nwav=mean.2(u24.epi_mcgvol1_new,u24.epi_mcgvol2_new).
u24.epi_cr_avg	Avg 24-hr E (mcg) / creatinine (mg)		u24.epi_cr_avg = mean.2(u24.epi1mcg_cr1mg, u24.epi2mcg_cr2mg).
u24.da_mcgvol_avg	Avg 24-hr Urine DA output (mcg/tot vol)		u24.da_mcgvol_avg=mean.2(u24.da_mcgvol1, u24.da_mcgvol2).
u24.da_mcgvol_nwav	Average of u24.da_mcgvol1_new & u24.da_mcgvol2_new		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-Quarantine (Home) Day 1 wake-up time (hh:mm)		
pre1time1	Pre-Q' (Home) Day 1 sample 1 collection time (hh:mm)		
pre1time2	Pre-Q' (Home) Day 1 sample 2 collection time (hh:mm)		
pre1time3	Pre-Q' (Home) Day 1 sample 3 collection time (hh:mm)		
pre1time4	Pre-Q' (Home) Day 1 sample 4 collection time (hh:mm)		
pre1time5	Pre-Q' (Home) Day 1 sample 5 collection time (hh:mm)		
pre1time6	Pre-Q' (Home) Day 1 sample 6 collection time (hh:mm)		
pre1time7	Pre-Q' (Home) Day 1 sample 7 collection time (hh:mm)		
slva.pre1cort1	Pre-Quarantine (Home) Day 1 wu + 60 cortisol (nmol/l)		
slva.pre1cort2	Pre-Quarantine (Home) Day 1 wu + 120 cortisol (nmol/l)		
slva.pre1cort3	Pre-Quarantine (Home) Day 1 wu 240 cortisol (nmol/l)		
slva.pre1cort4	Pre-Quarantine (Home) Day 1 wu + 420 cortisol (nmol/l)		
slva.pre1cort5	Pre-Quarantine (Home) Day 1 wu + 540 cortisol (nmol/l)		
slva.pre1cort6	Pre-Quarantine (Home) Day 1 wu + 660 cortisol (nmol/l)		
slva.pre1cort7	Pre-Quarantine (Home) Day 1 wu + 840 cortisol (nmol/l)		
pre2wake	Pre-Quarantine (Home) Day 2 wake-up time (hh:mm)		
pre2time1	Pre-Q' (Home) Day 2 sample 1 collection time (hh:mm)		
pre2time2	Pre-Q' (Home) Day 2 sample 2 collection time (hh:mm)		
pre2time3	Pre-Q' (Home) Day 2 sample 3 collection time (hh:mm)		
pre2time4	Pre-Q' (Home) Day 2 sample 4 collection time (hh:mm)		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre2time5	Pre-Q' (Home) Day 2 sample 5 collection time (hh:mm)		
pre2time6	Pre-Q' (Home) Day 2 sample 6 collection time (hh:mm)		
pre2time7	Pre-Q' (Home) Day 2 sample 7 collection time (hh:mm)		
slva.pre2cort1	Pre-Quarantine (Home) Day 2 wu + 60 cortisol (nmol/l)		
slva.pre2cort2	Pre-Quarantine (Home) Day 2 wu + 120 cortisol (nmol/l)		
slva.pre2cort3	Pre-Quarantine (Home) Day 2 wu + 240 cortisol (nmol/l)		
slva.pre2cort4	Pre-Quarantine (Home) Day 2 wu + 420 cortisol (nmol/l)		
slva.pre2cort5	Pre-Quarantine (Home) Day 2 wu + 540 cortisol (nmol/l)		
slva.pre2cort6	Pre-Quarantine (Home) Day 2 wu + 660 cortisol (nmol/l)		
slva.pre2cort7	Pre-Quarantine (Home) Day 2 wu + 840 cortisol (nmol/l)		
q0expwake	Quarantine Day 0 Expected Wake-Up Time (8:00 AM)		
q0wake	Quarantine Day 0 Actual Wake-Up Time (hh:mm)		
q0time1	Quarantine Day 0 sample 1 collection time (hh:mm)		
q0time2	Quarantine Day 0 sample 2 collection time (hh:mm)		
q0time3	Quarantine Day 0 sample 3 collection time (hh:mm)		
q0time4	Quarantine Day 0 sample 4 collection time (hh:mm)		
q0time5	Quarantine Day 0 sample 5 collection time (hh:mm)		
q0time6	Quarantine Day 0 sample 6 collection time (hh:mm)		
q0time7	Quarantine Day 0 sample 7 collection time (hh:mm)		
q0time8	Quarantine Day 0 sample 8 collection time (hh:mm)		
slva.q0cort1	Quarantine Day 0 wake-up cortisol (nmol/l)		
slva.q0cort2	Quarantine Day 0 wu + 60 cortisol (nmol/l)		
slva.q0cort3	Quarantine Day 0 10:00 am cortisol (nmol/l)		
slva.q0cort4	Quarantine Day 0 11:55 am cortisol (nmol/l)		
slva.q0cort5	Quarantine Day 0 1:00 pm cortisol (nmol/l)		
slva.q0cort6	Quarantine Day 0 3:00 pm cortisol (nmol/l)		
slva.q0cort7	Quarantine Day 0 5:00 pm cortisol (nmol/l)		
slva.q0cort8	Quarantine Day 0 10:00 pm cortisol (nmol/l)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
endraw	*****END RAW SALIVARY CORTISOL DATA*****		
pre1diff12	Pre-Q' (Home) Day 1: time between samples 1 & 2 (min)		pre1diff12 = datediff(pre1time2, pre1time1, "minutes").
pre1diff23	Pre-Q' (Home) Day 1: time between samples 2 & 3 (min)		pre1diff23 = datediff(pre1time3, pre1time2, "minutes").
pre1diff34	Pre-Q' (Home) Day 1: time between samples 3 & 4 (min)		pre1diff34 = datediff(pre1time4, pre1time3, "minutes").
pre1diff45	Pre-Q' (Home) Day 1: time between samples 4 & 5 (min)		pre1diff45 = datediff(pre1time5, pre1time4, "minutes").
pre1diff56	Pre-Q' (Home) Day 1: time between samples 5 & 6 (min)		pre1diff56 = datediff(pre1time6, pre1time5, "minutes").
pre1diff67	Pre-Q' (Home) Day 1: time between samples 6 & 7 (min)		pre1diff67 = datediff(pre1time7, pre1time6, "minutes").
pre1diff57	Pre-Q' (Home) Day 1: time between samples 5 & 7 (min)		pre1diff57 = datediff(pre1time7, pre1time5, "minutes").
pre1diff46	Pre-Q' (Home) Day 1: time between samples 4 & 6 (min)		pre1diff46 = datediff(pre1time6, pre1time4, "minutes").
pre1diff35	Pre-Q' (Home) Day 1: time between samples 3 & 5 (min)		pre1diff35 = datediff(pre1time5, pre1time3, "minutes").
pre1diff47	Pre-Q' (Home) Day 1: time between samples 4 & 7 (min)		pre1diff47 = datediff(pre1time7, pre1time4, "minutes").
pre1diff36	Pre-Q' (Home) Day 1: time between samples 3 & 6 (min)		pre1diff36 = datediff(pre1time6, pre1time3, "minutes").
pre1diffwu1	Pre-Q' (Home) Day 1: time between wake-up & sample 1		pre1diffwu1 = datediff(pre1time1, pre1wake, "minutes").
pre1diffwu2	Pre-Q' (Home) Day 1: time between wake-up & sample 2		pre1diffwu2 = datediff(pre1time2, pre1wake, "minutes").
pre1diffwu3	Pre-Q' (Home) Day 1: time between wake-up & sample 3		pre1diffwu3 = datediff(pre1time3, pre1wake, "minutes").
pre1diffwu4	Pre-Q' (Home) Day 1: time between wake-up & sample 4		pre1diffwu4 = datediff(pre1time4, pre1wake, "minutes").
pre1diffwu5	Pre-Q' (Home) Day 1: time between wake-up & sample 5		pre1diffwu5 = datediff(pre1time5, pre1wake, "minutes").
pre1diffwu6	Pre-Q' (Home) Day 1: time between wake-up & sample 6		pre1diffwu6 = datediff(pre1time6, pre1wake, "minutes").
pre1diffwu7	Pre-Q' (Home) Day 1: time between wake-up & sample 7		pre1diffwu7 = datediff(pre1time7, pre1wake, "minutes").
			NOTE: For all of the above values, the following adjustment was made to accommodate negative values resulting from ranges spanning changes from AM times to PM times and vice-versa (the calculation for **pre1diff12** is provided as an example): if (pre1diff12 < 0) pre1diff12 = pre1diff12+1440.
pre1cort1_out	Pre-Quarantine (Home) Day 1: sample 1 outside window	OUT	if ((pre1diffwu1<45) or (pre1diffwu1>90)) pre1cort1_out = 1. if ((pre1diffwu1 ge 45) and (pre1diffwu1 le 90)) pre1cort1_out = 0.
pre1cort2_out	Pre-Quarantine (Home) Day 1: sample 2 outside window	OUT	if ((pre1diffwu2<60) or (pre1diffwu2>180)) pre1cort2_out = 1. if ((pre1diffwu2 ge 60) and (pre1diffwu2 le 180)) pre1cort2_out = 0.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pre1cort3_out	Pre-Quarantine (Home) Day 1: sample 3 outside window	OUT	if ((pre1diffwu3<180) or (pre1diffwu3>300)) pre1cort3_out = 1.
			if ((pre1diffwu3 ge 180) and (pre1diffwu3 le 300)) pre1cort3_out = 0.
pre1cort4_out	Pre-Quarantine (Home) Day 1: sample 4 outside window	OUT	if ((pre1diffwu4<360) or (pre1diffwu4>480)) pre1cort4_out = 1.
			if ((pre1diffwu4 ge 360) and (pre1diffwu4 le 480)) pre1cort4_out = 0.
pre1cort5_out	Pre-Quarantine (Home) Day 1: sample 5 outside window	OUT	if ((pre1diffwu5<480) or (pre1diffwu5>600)) pre1cort5_out = 1.
			if ((pre1diffwu5 ge 480) and (pre1diffwu5 le 600)) pre1cort5_out = 0.
pre1cort6_out	Pre-Quarantine (Home) Day 1: sample 6 outside window	OUT	if ((pre1diffwu6<600) or (pre1diffwu6>720)) pre1cort6_out = 1.
			if ((pre1diffwu6 ge 600) and (pre1diffwu6 le 720)) pre1cort6_out = 0.
pre1cort7_out	Pre-Quarantine (Home) Day 1: sample 7 outside window	OUT	if ((pre1diffwu7<780) or (pre1diffwu7>900)) pre1cort7_out = 1.
			if ((pre1diffwu7 ge 780) and (pre1diffwu7 le 900)) pre1cort7_out = 0.
slva.pre1cort1_win	Pre-Q' (Home) Day 1: wu+60 cort (nmol/l) – in window		if (pre1cort1_out = 0) slva.pre1cort1_win = slva.pre1cort1.
			if (pre1cort1_out = 1) slva.pre1cort1_win = $sysmis.
slva.pre1cort2_win	Pre-Q' (Home) Day 1: wu+120 cort (nmol/l) – in window		if (pre1cort2_out = 0) slva.pre1cort2_win = slva.pre1cort2.
			if (pre1cort2_out = 1) slva.pre1cort2_win = $sysmis.
slva.pre1cort3_win	Pre-Q' (Home) Day 1: wu+240 cort (nmol/l) – in window		if (pre1cort3_out = 0) slva.pre1cort3_win = slva.pre1cort3.
			if (pre1cort3_out = 1) slva.pre1cort3_win = $sysmis.
slva.pre1cort4_win	Pre-Q' (Home) Day 1: wu+420 cort (nmol/l) – in window		if (pre1cort4_out = 0) slva.pre1cort4_win = slva.pre1cort4.
			if (pre1cort4_out = 1) slva.pre1cort4_win = $sysmis.
slva.pre1cort5_win	Pre-Q' (Home) Day 1: wu+540 cort (nmol/l) – in window		if (pre1cort5_out = 0) slva.pre1cort5_win = slva.pre1cort5.
			if (pre1cort5_out = 1) slva.pre1cort5_win = $sysmis.
slva.pre1cort6_win	Pre-Q' (Home) Day 1: wu+660 cort (nmol/l) – in window		if (pre1cort6_out = 0) slva.pre1cort6_win = slva.pre1cort6.
			if (pre1cort6_out = 1) slva.pre1cort6_win = $sysmis.
slva.pre1cort7_win	Pre-Q' (Home) Day 1: wu+840 cort (nmol/l) – in window		if (pre1cort7_out = 0) slva.pre1cort7_win = slva.pre1cort7.
			if (pre1cort7_out = 1) slva.pre1cort7_win = $sysmis.
pre2diff12	Pre-Q' (Home) Day 2: time between samples 1 & 2 (min)		pre2diff12 = datediff(pre2time2, pre2time1, "minutes").
pre2diff23	Pre-Q' (Home) Day 2: time between samples 2 & 3 (min)		pre2diff23 = datediff(pre2time3, pre2time2, "minutes").
pre2diff34	Pre-Q' (Home) Day 2: time between samples 3 & 4 (min)		pre2diff34 = datediff(pre2time4, pre2time3, "minutes").
pre2diff45	Pre-Q' (Home) Day 2: time between samples 4 & 5 (min)		pre2diff45 = datediff(pre2time5, pre2time4, "minutes").

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pre2diff56	Pre-Q' (Home) Day 2: time between samples 5 & 6 (min)		pre2diff56 = datediff(pre2time6, pre2time5, "minutes").
pre2diff67	Pre-Q' (Home) Day 2: time between samples 6 & 7 (min)		pre2diff67 = datediff(pre2time7, pre2time6, "minutes").
pre2diff57	Pre-Q' (Home) Day 2: time between samples 5 & 7 (min)		pre2diff57 = datediff(pre2time7, pre2time5, "minutes").
pre2diff46	Pre-Q' (Home) Day 2: time between samples 4 & 6 (min)		pre2diff46 = datediff(pre2time6, pre2time4, "minutes").
pre2diff35	Pre-Q' (Home) Day 2: time between samples 3 & 5 (min)		pre2diff35 = datediff(pre2time5, pre2time3, "minutes").
pre2diff47	Pre-Q' (Home) Day 2: time between samples 4 & 7 (min)		pre2diff47 = datediff(pre2time7, pre2time4, "minutes").
pre2diff36	Pre-Q' (Home) Day 2: time between samples 3 & 6 (min)		pre2diff36 = datediff(pre2time6, pre2time3, "minutes").
pre2diffwu1	Pre-Q' (Home) Day 2: time between wake-up & sample 1		pre2diffwu1 = datediff(pre2time1, pre2wake, "minutes").
pre2diffwu2	Pre-Q' (Home) Day 2: time between wake-up & sample 2		pre2diffwu2 = datediff(pre2time2, pre2wake, "minutes").
pre2diffwu3	Pre-Q' (Home) Day 2: time between wake-up & sample 3		pre2diffwu3 = datediff(pre2time3, pre2wake, "minutes").
pre2diffwu4	Pre-Q' (Home) Day 2: time between wake-up & sample 4		pre2diffwu4 = datediff(pre2time4, pre2wake, "minutes").
pre2diffwu5	Pre-Q' (Home) Day 2: time between wake-up & sample 5		pre2diffwu5 = datediff(pre2time5, pre2wake, "minutes").
pre2diffwu6	Pre-Q' (Home) Day 2: time between wake-up & sample 6		pre2diffwu6 = datediff(pre2time6, pre2wake, "minutes").
pre2diffwu7	Pre-Q' (Home) Day 2: time between wake-up & sample 7		pre2diffwu7 = datediff(pre2time7, pre2wake, "minutes").
			NOTE: For all of the above values, the following adjustment was made to accommodate negative values resulting from ranges spanning changes from AM times to PM times and vice-versa (the calculation for pre2diff12 is provided as an example): if (pre2diff12 < 0) pre2diff12 = pre2diff12+1440.
pre2cort1_out	Pre-Quarantine (Home) Day 2: sample 1 outside window	OUT	if ((pre2diffwu1<45) or (pre2diffwu1>90)) pre2cort1_out = 1.
			if ((pre2diffwu1 ge 45) and (pre2diffwu1 le 90)) pre2cort1_out = 0.
pre2cort2_out	Pre-Quarantine (Home) Day 2: sample 2 outside window	OUT	if ((pre2diffwu2<60) or (pre2diffwu2>180)) pre2cort2_out = 1.
			if ((pre2diffwu2 ge 60) and (pre2diffwu2 le 180)) pre2cort2_out = 0.
pre2cort3_out	Pre-Quarantine (Home) Day 2: sample 3 outside window	OUT	if ((pre2diffwu3<180) or (pre2diffwu3>300)) pre2cort3_out = 1.
			if ((pre2diffwu3 ge 180) and (pre2diffwu3 le 300)) pre2cort3_out = 0.
pre2cort4_out	Pre-Quarantine (Home) Day 2: sample 4 outside window	OUT	if ((pre2diffwu4<360) or (pre2diffwu4>480)) pre2cort4_out = 1.
			if ((pre2diffwu4 ge 360) and (pre2diffwu4 le 480)) pre2cort4_out = 0.

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VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pre2cort5_out	Pre-Quarantine (Home) Day 2: sample 5 outside window	OUT	if ((pre2diffwu5<480) or (pre2diffwu5>600)) pre2cort5_out = 1.
			if ((pre2diffwu5 ge 480) and (pre2diffwu5 le 600)) pre2cort5_out = 0.
pre2cort6_out	Pre-Quarantine (Home) Day 2: sample 6 outside window	OUT	if ((pre2diffwu6<600) or (pre2diffwu6>720)) pre2cort6_out = 1.
			if ((pre2diffwu6 ge 600) and (pre2diffwu6 le 720)) pre2cort6_out = 0.
pre2cort7_out	Pre-Quarantine (Home) Day 2: sample 7 outside window	OUT	if ((pre2diffwu7<780) or (pre2diffwu7>900)) pre2cort7_out = 1.
			if ((pre2diffwu7 ge 780) and (pre2diffwu7 le 900)) pre2cort7_out = 0.
slva.pre2cort1_win	Pre-Q' (Home) Day 2: wu + 60 cort (nmol/l) – in window		if (pre2cort1_out = 0) slva.pre2cort1_win = slva.pre2cort1.
			if (pre2cort1_out = 1) slva.pre2cort1_win = $sysmis.
slva.pre2cort2_win	Pre-Q' (Home) Day 2: wu + 120 cort (nmol/l) – in window		if (pre2cort2_out = 0) slva.pre2cort2_win = slva.pre2cort2.
			if (pre2cort2_out = 1) slva.pre2cort2_win = $sysmis.
slva.pre2cort3_win	Pre-Q' (Home) Day 2: wu 240 cort (nmol/l) – in window		if (pre2cort3_out = 0) slva.pre2cort3_win = slva.pre2cort3.
			if (pre2cort3_out = 1) slva.pre2cort3_win = $sysmis.
slva.pre2cort4_win	Pre-Q' (Home) Day 2: wu + 420 cort (nmol/l) – in window		if (pre2cort4_out = 0) slva.pre2cort4_win = slva.pre2cort4.
			if (pre2cort4_out = 1) slva.pre2cort4_win = $sysmis.
slva.pre2cort5_win	Pre-Q' (Home) Day 2: wu + 540 cort (nmol/l) – in window		if (pre2cort5_out = 0) slva.pre2cort5_win = slva.pre2cort5.
			if (pre2cort5_out = 1) slva.pre2cort5_win = $sysmis.
slva.pre2cort6_win	Pre-Q' (Home) Day 2: wu + 660 cort (nmol/l) – in window		if (pre2cort6_out = 0) slva.pre2cort6_win = slva.pre2cort6.
			if (pre2cort6_out = 1) slva.pre2cort6_win = $sysmis.
slva.pre2cort7_win	Pre-Q' (Home) Day 2: wu + 840 cort (nmol/l) – in window		if (pre2cort7_out = 0) slva.pre2cort7_win = slva.pre2cort7.
			if (pre2cort7_out = 1) slva.pre2cort7_win = $sysmis.
q0diffwu1	Q' Day 0: time between actual wake-up time & sample 1		q0diffwu1 = datediff(q0time1, q0wake, "minutes").
q0diff12	Q' Day 0: time between sample collections 1 and 2 (min)		q0diff12 = datediff(q0time2, q0time1, "minutes").
q0diff23	Q' Day 0: time between sample collections 2 and 3 (min)		q0diff23 = datediff(q0time3, q0time2, "minutes").
q0diff34	Q' Day 0: time between sample collections 3 and 4 (min)		q0diff34 = datediff(q0time4, q0time3, "minutes").
q0diff45	Q' Day 0: time between sample collections 4 and 5 (min)		q0diff45 = datediff(q0time5, q0time4, "minutes").
q0diff56	Q' Day 0: time between sample collections 5 and 6 (min)		q0diff56 = datediff(q0time6, q0time5, "minutes").
q0diff67	Q' Day 0: time between sample collections 6 and 7 (min)		q0diff67 = datediff(q0time7, q0time6, "minutes").
q0diff78	Q' Day 0: time between sample collections 7 and 8 (min)		q0diff78 = datediff(q0time8, q0time7, "minutes").

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q0diff46	Q' Day 0: time between sample collections 4 and 6 (min)		q0diff46 = datediff(q0time6, q0time4, "minutes").
q0diff47	Q' Day 0: time between sample collections 4 and 7 (min)		q0diff47 = datediff(q0time7, q0time4, "minutes").
q0diff57	Q' Day 0: time between sample collections 5 and 7 (min)		q0diff57 = datediff(q0time7, q0time5, "minutes").
q0diff58	Q' Day 0: time between sample collections 5 and 8 (min)		q0diff58 = datediff(q0time8, q0time5, "minutes").
q0diff68	Q' Day 0: time between sample collections 6 and 8 (min)		q0diff68 = datediff(q0time8, q0time6, "minutes").
q0diffwu2	Q' Day 0: time between actual wake-up time & sample 2		q0diffwu2 = datediff(q0time2, q0wake, "minutes").
q0diffwu3	Q' Day 0: time between expected wake (8AM) & sample 3		q0diffwu3 = datediff(q0time3, q0wake, "minutes").
q0diffwu4	Q' Day 0: time between expected wake (8AM) & sample 4		q0diffwu4 = datediff(q0time4, q0wake, "minutes").
q0diffwu5	Q' Day 0: time between expected wake (8AM) & sample 5		q0diffwu5 = datediff(q0time5, q0wake, "minutes").
q0diffwu6	Q' Day 0: time between expected wake (8AM) & sample 6		q0diffwu6 = datediff(q0time6, q0wake, "minutes").
q0diffwu7	Q' Day 0: time between expected wake (8AM) & sample 7		q0diffwu7 = datediff(q0time7, q0wake, "minutes").
q0diffwu8	Q' Day 0: time between expected wake (8AM) & sample 8		q0diffwu8 = datediff(q0time8, q0wake, "minutes").
q0cort1_out	Q'rntine Day 0: sample 1 outside window	OUT	if (q0diffwu1>30) q0cort1_out = 1. if (q0diffwu1 le 30) q0cort1_out = 0.
q0cort2_out	Q'rntine Day 0: sample 2 outside window	OUT	if ((q0diffwu2<45) or (q0diffwu2>90)) q0cort2_out = 1. if ((q0diffwu2 ge 45) and (q0diffwu2 le 90)) q0cort2_out = 0.
q0cort3_out	Q'rntine Day 0: sample 3 outside window	OUT	if ((q0diffwu3<60) or (q0diffwu3>180)) q0cort3_out = 1. if ((q0diffwu3 ge 60) and (q0diffwu3 le 180)) q0cort3_out = 0.
q0cort4_out	Q'rntine Day 0: sample 4 outside window	OUT	if ((q0diffwu4<175) or (q0diffwu4>315)) q0cort4_out = 1. if ((q0diffwu4 ge 175) and (q0diffwu4 le 315)) q0cort4_out = 0.
q0cort5_out	Q'rntine Day 0: sample 5 outside window	OUT	if ((q0diffwu5<240) or (q0diffwu5>360)) q0cort5_out = 1. if ((q0diffwu5 ge 240) and (q0diffwu5 le 360)) q0cort5_out = 0.
q0cort6_out	Q'rntine Day 0: sample 6 outside window	OUT	if ((q0diffwu6<360) or (q0diffwu6>480)) q0cort2_out = 1. if ((q0diffwu6 ge 360) and (q0diffwu6 le 480)) q0cort6_out = 0.
q0cort7_out	Q'rntine Day 0: sample 7 outside window	OUT	if ((q0diffwu7<480) or (q0diffwu7>600)) q0cort7_out = 1. if ((q0diffwu7 ge 480) and (q0diffwu7 le 600)) q0cort7_out = 0.
q0cort8_out	Q'rntine Day 0: sample 8 outside window	OUT	if ((q0diffwu8<780) or (q0diffwu8>900)) q0cort8_out = 1. if ((q0diffwu8 ge 780) and (q0diffwu8 le 900)) q0cort8_out = 0.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
slva.q0cort1_win	Q'rntine Day 0: wake-up cortisol (nmol/l) - in window		if (q0cort1_out = 0) slva.q0cort1_win = slva.q0cort1. if (q0cort1_out = 1) slva.q0cort1_win = $sysmis.
slva.q0cort2_win	Q'rntine Day 0: wu + 60 cortisol (nmol/l) - in window		if (q0cort2_out = 0) slva.q0cort2_win = slva.q0cort2. if (q0cort2_out = 1) slva.q0cort2_win = $sysmis.
slva.q0cort3_win	Q'rntine Day 0: 10:00 am cortisol (nmol/l) - in window		if (q0cort3_out = 0) slva.q0cort3_win = slva.q0cort3. if (q0cort3_out = 1) slva.q0cort3_win = $sysmis.
slva.q0cort4_win	Q'rntine Day 0: 11:55 am cortisol (nmol/l) - in window		if (q0cort4_out = 0) slva.q0cort4_win = slva.q0cort4. if (q0cort4_out = 1) slva.q0cort4_win = $sysmis.
slva.q0cort5_win	Q'rntine Day 0: 1:00 pm cortisol (nmol/l) - in window		if (q0cort5_out = 0) slva.q0cort5_win = slva.q0cort5. if (q0cort5_out = 1) slva.q0cort5_win = $sysmis.
slva.q0cort6_win	Q'rntine Day 0: 3:00 pm cortisol (nmol/l) - in window		if (q0cort6_out = 0) slva.q0cort6_win = slva.q0cort6. if (q0cort6_out = 1) slva.q0cort6_win = $sysmis.
slva.q0cort7_win	Q'rntine Day 0: 5:00 pm cortisol (nmol/l) - in window		if (q0cort7_out = 0) slva.q0cort7_win = slva.q0cort7. if (q0cort7_out = 1) slva.q0cort7_win = $sysmis.
slva.q0cort8_win	Q'rntine Day 0: 10:00 pm cortisol (nmol/l) - in window		if (q0cort8_out = 0) slva.q0cort8_win = slva.q0cort8. if (q0cort8_out = 1) slva.q0cort8_win = $sysmis.
slva.pre1cort_auc	Pre-Quarantine (Home) Day 1 Cortisol AUC		Cortisol area under the curve (AUC) was computed using the trapezoid rule, as per Pruessner et al (2003). AUC values were computed for all participants who met specific missing value criteria for each measurement day (see calculation pages for Pre-Quarantine Days 1 & 2 and Quarantine Day 0)
slva.pre1cort_auc_win	Pre-Q' (Home) Day 1 Cortisol AUC - samples in window		
slva.pre2cort_auc	Pre-Quarantine day 2 cortisol AUC		
slva.pre2cort_auc_win	Pre-Q' day 2 cortisol AUC: samples in window		
slva.q0cort_auc	Q'rntine Day 0 Cortisol AUC		
slva.q0cort_auc_win	Q'rntine Day 0 Cortisol AUC - samples in window		
log_pre1cort_auc	Pre-Quarantine (Home) Day 1 Cortisol AUC (log_{10})		log_pre1cort_auc = log10(slva.pre1cort_auc)
log_pre1cort_auc_win	Pre-Q' (Home) Day 1 Cort AUC - samples in window (log_{10})		log_pre1cort_auc_win = log10(slva.pre1cort_auc_win)
log_pre2cort_auc	Pre-Quarantine (Home) Day 2 Cortisol AUC (log_{10})		log_pre2cort_auc = log10(slva.pre2cort_auc)
log_pre2cort_auc_win	Pre-Q' (Home) Day 2 Cortisol AUC - in window (log_{10})		log_pre2cort_auc_win = log10(slva.pre2cort_auc_win)
log_q0cort_auc	Q'rntine Day 0 Cortisol AUC (log10)		log_q0cort_auc = log10(slva.q0cort_auc)
log_q0cort_auc_win	Q'rntine Day 0 Cortisol AUC - samples in window (log_{10})		log_q0cort_auc_win = log10(slva.q0cort_auc_win)

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pre1wakeup	Pre-Q' (Home) Day 1 wake-up 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-Quarantine 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		
adj.pre1cort1	Pre-Q' (Home) Day 1 wu + 60 cort (nmol/l) - adj wake-up		adj.pre1cort1=14.256+pre1cort1_resid; if (adj.pre1cort1<0) adj.pre1cort1=0.
adj.pre1cort2	Pre-Q' (Home) Day 1 wu + 120 cort (nmol/l) - adj wake-up		adj.pre1cort2=9.702 + pre1cort2_resid; if (adj.pre1cort2<0) adj.pre1cort2=0.
adj.pre1cort3	Pre-Q' (Home) Day 1 wu + 240 cort (nmol/l) - adj wake-up		adj.pre1cort3=8.040 + pre1cort3_resid; if (adj.pre1cort3<0) adj.pre1cort3=0.
adj.pre1cort4	Pre-Q' (Home) Day 1 wu + 420 cort (nmol/l) - adj wake-up		adj.pre1cort4=5.539 + pre1cort4_resid; if (adj.pre1cort4<0) adj.pre1cort4=0.
adj.pre1cort5	Pre-Q' (Home) Day 1 wu + 540 cort (nmol/l) - adj wake-up		adj.pre1cort5=4.937 + pre1cort5_resid; if (adj.pre1cort5<0) adj.pre1cort5=0.
adj.pre1cort6	Pre-Q' (Home) Day 1 wu + 660 cort (nmol/l) - adj wake-up		adj.pre1cort6=3.988 + pre1cort6_resid; if (adj.pre1cort6<0) adj.pre1cort6=0.
adj.pre1cort7	Pre-Q' (Home) Day 1 wu + 840 cort (nmol/l) - adj wake-up		adj.pre1cort7=4.409 + pre1cort7_resid; if (adj.pre1cort7<0) adj.pre1cort7=0.
pre2wakeup	Pre-Q' (Home) Day 2 wake-up 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-Quarantine 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		
adj.pre2cort1	Pre-Q' (Home) Day 2 wu + 60 cort (nmol/l) - adj wake-up		adj.pre2cort1=13.087+pre2cort1_resid; if (adj.pre2cort1<0) adj.pre2cort1=0.
adj.pre2cort2	Pre-Q' (Home) Day 2 wu + 120 cort (nmol/l) - adj wake-up		adj.pre2cort2=9.177 + pre2cort2_resid; if (adj.pre2cort2<0) adj.pre2cort2=0.
adj.pre2cort3	Pre-Q' (Home) Day 2 wu + 240 cort (nmol/l) - adj wake-up		adj.pre2cort3=6.685 + pre2cort3_resid; if (adj.pre2cort3<0) adj.pre2cort3=0.
adj.pre2cort4	Pre-Q' (Home) Day 2 wu + 420 cort (nmol/l) - adj wake-up		adj.pre2cort4=5.882 + pre2cort4_resid; if (adj.pre2cort4<0) adj.pre2cort4=0.
adj.pre2cort5	Pre-Q' (Home) Day 2 wu + 540 cort (nmol/l) - adj wake-up		adj.pre2cort5=4.765 + pre2cort5_resid; if (adj.pre2cort5<0) adj.pre2cort5=0.
adj.pre2cort6	Pre-Q' (Home) Day 2 wu + 660 cort (nmol/l) - adj wake-up		adj.pre2cort6=4.071 + pre2cort6_resid; if (adj.pre2cort6<0) adj.pre2cort6=0.
adj.pre2cort7	Pre-Q' (Home) Day 2 wu + 840 cort (nmol/l) - adj wake-up		adj.pre2cort7=3.730 + pre2cort7_resid; if (adj.pre2cort7<0) adj.pre2cort7=0.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q0wakeup	Quarantine Day 0 wake-up time (minutes past midnite)		q0wakeup = datediff(q0wake, midnight, "minutes").
q0cort1_resid	Unstandardized Residual		Unstandardized residuals were computed by regressing the raw cortisol measurement value on Quarantine Day 0 wake up time (**q0wakeup**). 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).
q0cort2_resid	Unstandardized Residual		
q0cort3_resid	Unstandardized Residual		
q0cort4_resid	Unstandardized Residual		
q0cort5_resid	Unstandardized Residual		
q0cort6_resid	Unstandardized Residual		
q0cort7_resid	Unstandardized Residual		
q0cort8_resid	Unstandardized Residual		
adj.q0cort1	Q'rntine Day 0 wake-up cortisol (nmol/l) - adj for wake-up		adj.q0cort1 = 10.329 + q0cort1_resid; if (adj.q0cort1 lt 0) adj.q0cort1 = 0.
adj.q0cort2	Q'rntine Day 0 wu + 60 cortisol (nmol/l) - adj for wake-up		adj.q0cort2 = 14.139 + q0cort2_resid; if (adj.q0cort2 lt 0) adj.q0cort2 = 0.
adj.q0cort3	Q'rntine Day 0 10:00 am cortisol (nmol/l) - adj for wake-up		adj.q0cort3 = 6.758 + q0cort3_resid; if (adj.q0cort3 lt 0) adj.q0cort3 = 0.
adj.q0cort4	Q'rntine Day 0 11:55 am cortisol (nmol/l) - adj for wake-up		adj.q0cort4 = 4.877 + q0cort4_resid; if (adj.q0cort4 lt 0) adj.q0cort4 = 0.
adj.q0cort5	Q'rntine Day 0 1:00 pm cortisol (nmol/l) - adj for wake-up		adj.q0cort5 = 5.956 + q0cort5_resid; if (adj.q0cort5 lt 0) adj.q0cort5 = 0.
adj.q0cort6	Q'rntine Day 0 3:00 pm cortisol (nmol/l) - adj for wake-up		adj.q0cort6 = 3.877 + q0cort6_resid; if (adj.q0cort6 lt 0) adj.q0cort6 = 0.
adj.q0cort7	Q'rntine Day 0 5:00 pm cortisol (nmol/l) - adj for wake-up		adj.q0cort7 = 4.128 + q0cort7_resid; if (adj.q0cort7 lt 0) adj.q0cort7 = 0.
adj.q0cort8	Q'rntine Day 0 10:00 pm cortisol (nmol/l) - adj for wake-up		adj.q0cort8 = 2.188 + q0cort8_resid; if (adj.q0cort8 lt 0) adj.q0cort8 = 0.
adj.pre1cort1_win	Pre-Q' (Home) Day 1 wu + 60 cort (nmol/l) - adj - in win		See computation of Pre-Quarantine Day 1 in-window variables above.
adj.pre1cort2_win	Pre-Q' (Home) Day 1 wu + 120 cort (nmol/l) - adj - in win		
adj.pre1cort3_win	Pre-Q' (Home) Day 1 wu + 240 cort (nmol/l) - adj - in win		
adj.pre1cort4_win	Pre-Q' (Home) Day 1 wu + 420 cort (nmol/l) - adj - in win		
adj.pre1cort5_win	Pre-Q' (Home) Day 1 wu + 540 cort (nmol/l) - adj - in win		
adj.pre1cort6_win	Pre-Q' (Home) Day 1 wu + 660 cort (nmol/l) - adj - in win		
adj.pre1cort7_win	Pre-Q' (Home) Day 1 wu + 840 cort (nmol/l) - adj - in win		
adj.pre2cort1_win	Pre-Q' (Home) Day 2 wu + 60 cort (nmol/l) - adj - in win		See computation of Pre-Quarantine Day 2 in-window variables above.
adj.pre2cort2_win	Pre-Q' (Home) Day 2 wu + 120 cort (nmol/l) - adj - in win		
adj.pre2cort3_win	Pre-Q' (Home) Day 2 wu + 240 cort (nmol/l) - adj - in win		
adj.pre2cort4_win	Pre-Q' (Home) Day 2 wu + 420 cort (nmol/l) - adj - in win		
adj.pre2cort5_win	Pre-Q' (Home) Day 2 wu + 540 cort (nmol/l) - adj - in win		
adj.pre2cort6_win	Pre-Q' (Home) Day 2 wu + 660 cort (nmol/l) - adj - in win		
adj.pre2cort7_win	Pre-Q' (Home) Day 2 wu + 840 cort (nmol/l) - adj - in win		

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VAR NAME	VARIABLE LABEL	VALUES	FORMULA
adj.q0cort1_win	Quarantine Day 0 cortisol (nmol/l) - adj - in window		See computation of Quarantine Day 0 in-window variables above.
adj.q0cort2_win	Q'rntine Day 0 wu + 60 cortisol (nmol/l) - adj - in window		
adj.q0cort3_win	Q'rntine Day 0 10:00 am cortisol (nmol/l) - adj - in window		
adj.q0cort4_win	Q'rntine Day 0 11:55 am cortisol (nmol/l) - adj - in window		
adj.q0cort5_win	Q'rntine Day 0 1:00 pm cortisol (nmol/l) - adj - in window		
adj.q0cort6_win	Q'rntine Day 0 3:00 pm cortisol (nmol/l) - adj - in window		
adj.q0cort7_win	Q'rntine Day 0 5:00 pm cortisol (nmol/l) - adj - in window		
adj.q0cort8_win	Q'rntine Day 0 10:00 pm cortisol (nmol/l) - adj - in window		
adj.pre1cort_auc	Pre-Quarantine (Home) Day 1 Adjusted Cortisol AUC		Cortisol area under the curve (AUC) was computed using the trapezoid rule, as per Pruessner et al (2003). AUC values were computed for all participants who met specific missing value criteria for each measurement day (see calculation pages for Pre-Quarantine Days 1 & 2 and Quarantine Day 0)
adj.pre1cort_auc_win	Pre-Q' (Home) Day 1 Adj Cortisol AUC - samples in window		
adj.pre2cort_auc	Pre-Quarantine (Home) Day 2 Adjusted Cortisol AUC		
adj.pre2cort_auc_win	Pre-Q' (Home) Day 2 Adj Cortisol AUC - samples in window		
adj.q0cort_auc	Q'rntine Day 0 Adjusted Cortisol AUC		
adj.q0cort_auc_win	Q'rntine Day 0 Adjusted Cortisol AUC - samples in window		
ladj.pre1cort_auc	Pre-Quarantine (Home) Day 1 Adjusted Cortisol AUC (log_{10})		ladj.pre1cort_auc = log10(adj.pre1cort_auc).
ladj.pre1cort_auc_win	Pre-Q' (Home) Day 1 Adj Cort AUC - samples in win (log_{10})		ladj.pre1cort_auc_win = log10(adj.pre1cort_auc_win).
ladj.pre2cort_auc	Pre-Quarantine (Home) Day 2 Adjusted Cortisol AUC (log_{10})		ladj.pre2cort_auc = log10(adj.pre2cort_auc).
ladj.pre2cort_auc_win	Pre-Q' (Home) Day 2 Adj Cort AUC - samples in win (log_{10})		ladj.pre2cort_auc_win = log10(adj.pre2cort_auc_win).
ladj.q0cort_auc	Q'rntine Day 0 Adjusted Cortisol AUC (log10)		ladj.q0cort_auc = log10(adj.q0cort_auc).
ladj.q0cort_auc_win	Q' Day 0 Adjusted Cortisol AUC - samples in window (log_{10})		ladj.q0cort_auc_win = log10(adj.q0cort_auc_win).
cbc	***COMPLETE BLOOD COUNT & BLOOD CHEMISTRY***		
cbc.wbc	CBC: white blood cells (10^3 cells/microliter)		
cbc.rbc	CBC: red blood cells (10^6 cells/microliter)		
cbc.hgb	CBC: hemoglobin (g/dL)		
cbc.hct	CBC: hematocrit (%, range: 0-99)		
cbc.pctneut	CBC: % WBCs that are neutrophils (range: 0-99)		
cbc.pctlym	CBC: % WBCs that are lymphocytes (range: 0-99)		
cbc.pctmono	CBC: % WBCs that are monocytes (range: 0-99)		
cbc.pcteos	CBC: % WBCs that are eosinophils (range: 0-99)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cbc.pctbaso	CBC: % WBCs that are basophils (range: 0-99)		
cbc.plate	CBC: platelet count (10^3/microliter)		
cbc.mcv	CBC: mean corpuscular volume (femtoliters)		
cbc.mch	CBC: mean corpuscular Hgb (pg)		
cbc.mchc	CBC: mean corpuscular Hgb conc. (g/dL)		
cbc.rdw	CBC: random distribution of RBC width (%)		
cbc.sod	CBC: sodium (mmol/L)		
cbc.pot	CBC: potassium (mmol/L)		
cbc.chlor	CBC: chloride (mmol/L)		
cbc.co2	CBC: carbon dioxide (mmol/L)		
cbc.calc	CBC: calcium (mg/dL)		
cbc.alkph	CBC: alkaline phosphatase (U/L)		
cbc.ast	CBC: AST (U/L)		
cbc.alt	CBC: ALT (U/L)		
cbc.blrbn	CBC: total bilirubin (mg/dL)		
cbc.gluc	CBC: non-fasting glucose (mg/dL)		
cbc.bun	CBC: urea nitrogen (mg/dL)		
cbc.creat	CBC: creatinine (mg/dL)		
cbc.buncrt	CBC: BUN/creatinine ratio		
cbc.prot	CBC: total protein (g/dL)		
cbc.album	CBC: albumin (g/dL)		
cbc.glob	CBC: globulin (calculated; g/dL)		
cbc.albglb	CBC: albumin/globulin ratio		
cbc.cholest	CBC: total cholesterol (mg/dL)		
cbc.absneut	CBC: absolute neutrophil count (computed)		cbc.absneut = (cbc.pctneut/100)*cbc.wbc.
cbc.abslym	CBC: absolute lymphocyte count (computed)		cbc.abslym = (cbc.pctlym/100)*cbc.wbc.
cbc.absmono	CBC: absolute monocyte count (computed)		cbc.absmono = (cbc.pctmono/100)*cbc.wbc.
cbc.abseos	CBC: absolute eosinophil count (computed)		cbc.abseos = (cbc.pcteos/100)*cbc.wbc.
cbc.absbaso	CBC: absolute basophil count (computed)		cbc.absbaso = (cbc.pctbaso/100)*cbc.wbc.

Return to ToC

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
PATENCY	0=wide open	MUCCOL	0=normal	SINDIS	0=none
	1=open		1=white		1=suspicious
	2=slightly obstructed		2=pale		2=apparent
	3=moderately obstructed		3=pink		
	4=severely obstructed		4=red	YES/NO	0=no
					1=yes
EDEMA	0=none	RHNQNT	0=none		
	1=mild		1=scanty	MISS	0=not missing
	2=moderate		2=some		1=missing
	3=severe		3=moderate		
			4=profuse	OUT	0=not outside window
RHNQUL	0=none				1=outside window
	1=serous	RHNCOL	0=none		
	2=sero-mucinous		1=colorless		
	3=mucinous		2=white		
	4=purulent		3=yellow		

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.

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
DEMO	*****DEMOGRAPHICS DATA*****		
age	age at screening		
sex	sex	SEX	
race	race/ethnicity	RACE6	
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.
race.other	race/ethnicity: Other	RACEO	if (race = 6) race.other = 1; if (race ne 6) race.other = 0.
educ.9level	9-category educational attainment (level)	EDUC9	
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	

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.

employed	any employment (full- or part-time)	YES/NO	**For BCS, PCS1, and PCS2:** if sni.employ_raw = 0 sni.employed = 0. if sni.employ_raw = 1 or sni.employ_raw = 2 sni.employed = 1. **For PMBC and PCS3:** sni.employed = sni.emplout.
empl.status	7-catgory employment status variable	EMPL7	

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
empl.fulltime	employment status: employed full-time	YES/NO	
empl.parttime	employment status: employed part-time		
empl.unemp	employment status: unemployed, looking for work		
empl.retired	employment status: retired		
empl.home_raw	employment status: homemaker (in addition to job)		
empl.home	employment status: homemaker (primary activity)		
empl.disabled	employment status: disabled		
empl.other_raw	employment status: other work status (RAW)		
empl.other	employment status indicator: other work status	VALIDEMP	
empl.other_str	other work status specified		
empl.fullhrs	# hours/wk work full-time		
empl.parthrs	# hours/wk work part-time		
incm.13cat	13-category household income (income range)	INCOME	
incm.cont	household income ($US) as continuous variable (computed)		Values coded as the midpoint of each category range as follows: 1 = $ 2,500 2 = $ 7,500 3 = $ 12,500 4 = $ 17,500 5 = $ 25,000 6 = $ 35,000 7 = $ 45,000 8 = $ 55,000 9 = $ 67,500 10 = $ 87,500 11 = $112,500 12 = $137,500 13 = $162,500
ownhome	AI - do you own your own home (inc mortgage)	YES/NO	
ownhome2	Subject owns his/her own home	OWNHM	
sescom	Subjective SES: community ladder score		

Return to ToC

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
sesusa	Subjective SES: USA ladder score		
vacation	In the past year, how many vacations did you take out of town?	VACATION	
hsetot	Total # persons in the household		
ledsdemo	****DEMOGRAPHIC VARIABLES FROM THE LEDS****		
leds.dob	LEDS: date of birth		
leds.marhis	LEDS: marital history	MARSTAT9	
leds.lenmar	LEDS: length of present marital status		
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.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	

Return to ToC

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		1=yes
			3=Completed high school		
RACE6	1=White/Caucasian		4=HS + VO/TECH program	EMPL7	1=full time
	2=Black/African-American		5=Less than 2 yrs college		2=part time
	3=Native American, Eskimo, Aleut		6=2+ years + degree		3=unemployed
	4=Asian or Pacific Islander		7=Bachelor's degree		4=retired
	5=Hispanic		8=Master's degree		5=homemaker
	6=Other		9=PhD, MD, or other higher degree		6=disabled
					7=other
RACEW	0=all others	EDUC4	1=HS grad or lower		
	1=White/Caucasian		2=some college, but lt 2 yrs	VALIDEMP	0=unchecked
			3=2+ yrs college + degree		1=valide "other" employment status
RACEB	0=all others		4=bachelor's degree or higher		
	1=Black/African-American			INCOME	1=less than $5,000
		EDUCHS	0=all others		2=$5,000-$9,999
RACEN	0=all others		1=HS grad or lower		3=$10,000-$14,999
	1=Native American, Eskimo, Aleut				4=$15,000-$19,999
		EDUCSC	0=all others		5=$20,000-$29,999
RACEA	0=all others		1=some college, but < 2 yrs		6=$30,000-$39,999
	1=Asian or Pacific Islander				7=$40,000-$49,999
		EDUCAD	0=all others		8=$50,000-$59,999
RACEH	0=all others		1=2+ yrs college + degree		9=$60,000-$74,999
	1=Hispanic				10=$75,000-$99,999
		EDUCBA	0=all others		11=$100,000-$124,999
RACEO	0=all others		1=bachelor's degr or higher		12=$125,000-$149,999
	1='other' race/ethnicity				13=$150,000 or more

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

CODE	VALUE LABELS	CODE	VALUE LABELS
OWNHM	0=definite no	LEDSBRTH	0=only
	1=definite yes		1=eldest
	2=unlikely (age <25)		2=middle
	3=not at time, but owned post-trial		3=youngest
VACATION	0=none	LEDSNUM	0
	1=1		1
	2=2		2
	3=3		3
	4=4		4
	5=5 or more		5
			6
MARSTAT9	0=has always been single and not cohabited		7
	1=currently married to first spouse		8
	2=cohabiting, no previous cohabitation		9 or more
	3=currently cohabiting		
	4= formally separated/divorced from spouse	LEDSREL	0=none
	5=separated from cohabitee		1=Catholic
	6=previously widowed		2=Protestant
	7=previous cohabitee died		3=Jewish
	8=remarried		4=Other

Return to ToC

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).

Return to ToC

HEALTH PRACTICES

VAR 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)		
smk.notdly	SMK: currently smoke ON A LESS THAN DAILY BASIS	YES/NO	
smk.cignd	SMK: smoke cigarettes on non-daily basis	YES/NO	
smk.cgrnd	SMK: smoke cigars on non-daily basis	YES/NO	
smk.tobnd	SMK: smoke pipe on non-daily basis	YES/NO	
smk.frqnd	SMK: how often smoke on non-daily basis?	SMKFRQ	
alc	*****ALCOHOL CONSUMPTION*****		
alc.now	ALC: drink alcohol at least once a week	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.wkdays	ALC: # weekdays drink alcohol (occasional drinkers = 0)		if (alc.wkdays_raw ≤ 5) 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 ≤ 2) 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≤2) alc.occwn = 0.
alc.wkdrnks	ALC: avg # drinks on weekdays (occasional drinkers = 0)		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.

Return to ToC

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
alc.wndrnks	ALC: avg # drinks on weekend days (occasional drinkers = 0)		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: # days (computed) per 7-day week drink alcohol		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).
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: when quit drinking (date format)		
phys	*****PHYSICAL ACTIVITY*****		
physact	ACT: engage in regular physical activity at least once a week	YES/NO	
physactx	ACT: times per week of physical activity		
physactn	ACT: minutes per week of exercise		
act.flgts	ACT: # flights stairs climb up each day		
act.blocks	ACT: # city blocks regularly walk/day		
act.frqwk1	ACT: activity 1 -- # of times past week		
act.frqwk2	ACT: activity 2 -- # of times past week		
act.frqwk3	ACT: activity 3 -- # of times past week		
act.frqwk4	ACT: activity 4 -- # of times past week		
act.sp1hr	ACT: activity 1 -- # of hours per episode		
act.sp2hr	ACT: activity 2 -- # of hours per episode		
act.sp3hr	ACT: activity 3 -- # of hours per episode		
act.sp4hr	ACT: activity 4 -- # of hours per episode		
act.sp1min	ACT: activity 1 -- # of minutes per episode		
act.sp2min	ACT: activity 2 -- # of minutes per episode		
act.sp3min	ACT: activity 3 -- # of minutes per episode		
act.sp4min	ACT: activity 4 -- # of minutes per episode		
act.min1	ACT: activity 1, avg time/episode (min) - computed		act.min1 = (act.sp1hr*60) + act.sp1min
act.min2	ACT: activity 2, avg time/episode (min) - computed		act.min2 = (act.sp2hr*60) + act.sp2min
act.min3	ACT: activity 3, avg time/episode (min) - computed		act.min3 = (act.sp3hr*60) + act.sp3min
act.min4	ACT: activity 4, avg time/episode (min) - computed		act.min4 = (act.sp4hr*60) + act.sp4min

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
slp	*****SELF-REPORTED SLEEP*****		
psqi.flslp	PSQI: usual time (minutes) taken to fall asleep in past month		
psqi.lstpm	PSQI: minutes sleep lost b/c middle of night wake up in past month		
psqi.lstam	PSQI: minutes sleep lost b/c of early wake up in past month		
psqi.slqul	PSQI: overall sleep quality during past month	PSQIQUL	
psqi.stawk	PSQI: trouble staying awake while driving, eating meals, or engaging in social activity in past month	PSQIFRQ1	
psqi.nap	PSQI: frequency of naps during the day in the past month	PSQIFRQ1	
psqi.bedtime	PSQI: usual bedtime during past month (24-hr time)		
psqi.waktim	PSQI: usual wake-time during past month (24-hr time)		
psqi.30min	PSQI: trouble sleeping - cannot get to sleep within 30 minutes	PSQIFRQ2	
psqi.wake	PSQI: trouble sleeping - wake in middle of night or early AM	PSQIFRQ2	
psqi.bthrm	PSQI: trouble sleeping - have to get up to use bathroom	PSQIFRQ2	
psqi.brth	PSQI: trouble sleeping - cannot breath comfortably	PSQIFRQ2	
psqi.snor	PSQI: trouble sleeping - cough or snore loudly	PSQIFRQ2	
psqi.cold	PSQI: trouble sleeping - too cold	PSQIFRQ2	
psqi.hot	PSQI: trouble sleeping - too hot	PSQIFRQ2	
psqi.drms	PSQI: trouble sleeping - bad dreams	PSQIFRQ2	
psqi.pain	PSQI: trouble sleeping - pain	PSQIFRQ2	
psqi.othr	PSQI: trouble sleeping - other	PSQIFRQ2	
psqi.othr_str	PSQI: trouble sleeping - other (description)		
psqi.meds	PSQI: how often taken medicine to help sleep	PSQIFRQ1	
psqi.enth	PSQI: how much of a problem keeping up enthusiasm	PSQIPRB	
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.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

Return to ToC

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
slpduration	Sleep duration (hours)		psqi.duration = (psqi.hrsbed-psqi.hrslost).
psqi.efficiency	PSQI: sleep efficiency		psqi.efficiency = [(psqi.hrsbed-psqi.hrslost)/psqi.hrsbed]*100.
brk	*****BREAKFAST DATA*****		
brk.freq	Frequency of eating breakfast	BRKFRQ	
Breakfast	Frequency of eating breakfast (recode)		
brk.frqcrl	Frequency of eating cereal for breakfast	BRKFRQ	
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		

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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		
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) w/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		

Return to ToC

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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		
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)		

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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)		
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		
dieterror	FFQ: severe error on diet questionnaire		

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
YES/NO	0=no	WNDAY	0=never drink on a weekend day	PSQIFRQ2	0=not caused trouble
	1=yes		1=1 day		1=less than once a week
			2=both days		2=once or twice a week
SMKFRQ	1=at least once a week		6=occasionally drink on a weekend day		3=3+ times a week
	2=at least once a month				
	3=less than once a month	PSQIQUL	0=very good	PSQIPRB	0=no problem
			1=fairly good		1=very slight problem
WKDAY	0=never drink on a weekday		2=fairly bad		2=somewhat of a problem
	1=1 day		3=very bad		3=very big problem
	2=2 days				
	3=3 days	PSQIFRQ1	0=never	BRKFRQ	1=never
	4=4 days		1=less than once a week		2=less than once a week
	5=5 days		2=once or twice a week		3=once or twice a week
	6=occasionally drink on a weekday		3=3+ times a week		4=most days (3-6)
					5=every day

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
PSYCHSOC	*****PSYCHOLOGICAL AND SOCIAL DATA*****		
stas	*****STATE AFFECT SCALE VARIABLES*****		
stateanger	Zscore: state anger subscale score		State positive and negative affect were assessed in BCS, PCS2, and PMBC. Because identical scales were not used, standardized (*z*-score) values were computed to create equivalency across the three studies. Variables representing the three positive and three negative subscales are available for PCS2 and PMBC; variables representing overall positive and negative affect are available for all 3 studies. All values are standardized.
stateanxiety	Zscore: state anxiety subscale score		
statedeprs	Zscore: state depression subscale score		
statevigor	Zscore: state vigor subscale score		
statewlbng	Zscore: state well-being subscale score		
statecalm	Zscore: state calm subscale score		
statenegaf	Zscore: state negative affect		
stateposaf	Zscore: state positive affect		
tas	*****TRAIT AFFECT SCALE VARIABLES*****		
tas.fatgscr	TAS: Fatigue Subscale Score		Trait positive and negative affect and all component subscales were measured in PCS1, PCS2, and PCS3. For PCS1 and PCS2, the nearly all values included in the Aggregated data set represent the average scores across 2 (PCS1) or 3 (PCS2) administrations. The two exceptions are anger and overall negative affect. Items comprising the anger subscale were presented during only a single administration in PCS2, and thus overall negative affect was computed only for that administration. All values are in the original metric of the scale.
tas.angscr	TAS: Anger Subscale Score		
tas.anxscr	TAS: Anxiety Subscale Score		
tas.dprsscr	TAS: Depression Subscale Score		
tas.vigscr	TAS: Vigor Subscale Score		
tas.wlbgscr	TAS: Well-being Subscale Score		
tas.calmscr	TAS: Calm Subscale Score		
tas.fearscr	TAS: Fear Subscale Score		
tas.posaf	TAS: Trait Affect Scale - Trait Neg Affect		
tas.negaf	TAS: Trait Affect Scale - Trait NA+Fatigue		
tas.negftg	TAS: Trait Affect Scale - Trait Pos Affect		
affcrc	*****AFFECT CIRCUMPLEX VARIABLES*****		
ldc.hiact	Larsen & Diener Crc: high activation		Affect circumplex variables are available for PCS1 and PCS2. All values are in the original metric of the scale.
ldc.actpls	Larsen & Diener Crc: activated pleasant		
ldc.plsnt	Larsen & Diener Crc: pleasant		
ldc.unactpls	Larsen & Diener Crc: unactivated pleasant		
ldc.loact	Larsen & Diener Crc: low activation		
ldc.unactun	Larsen & Diener Crc: unactivated unpleasant		
ldc.unplsnt	Larsen & Diener Crc: unpleasant		
ldc.actunpls	Larsen & Diener Crc: activated unpleasant (avg 2 admins)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
intim	*****CLARK MARITAL INTIMACY SCALE*****		
cmi.like	CMI: i like my partner	CMI	The Clark Marital Intimacy Scale (CMI) was administered in PMBC and PCS3, with the former study using the full scale and the latter a short-form. To establish equivalency across the two studies, PMBC CMI scores were re-calculated using only the items included in the short-form version. All values are in the original metric of the scale.
cmi.ident	CMI: easy for me to identify with my partner		
cmi.care	CMI: taking care of partner makes me happy		
cmi.relat	CMI: partner can relate to me		
cmi.diff	CMI: feels as though my partner and I are from different planets		
cmi.doany	CMI: would do anything to help partner	CMI	
cmi.get	CMI: partner often does not seem to get what I say		
cmi.ignor	CMI: my partner ignores complaints		
cmi.triv	CMI: my partner feels my concerns are trivial		
cmi.chang	CMI: many things about my partner I would like to change		
cmi.anyth	CMI: my partner would do anything to help me		
cmi.belv	CMI: my partner believes in me		
cmi.diff_r	CMI: my partner and I are from different planets - (rev)	CMIR	
cmi.get_r	CMI: partner often does not seem to get what I say - (rev)		
cmi.ignor_r	CMI: my partner ignores my complaints - (rev)		
cmi.triv_r	CMI: my partner feels my concerns are trivial - (rev)		
cmi.chang_r	CMI: many things about my partner I would like change – (rev)		
cmi2ciscr	CMI: Intimacy CI (I care) Scale - 2-item		cmi.ciscr = sum.2(cmi.care, cmi.doany) .
cmi2uiscr	CMI: Intimacy UI (I understand) Scale - 2-item		cmi.uiscr = sum.2(cmi.ident, cmi.diff_r) .
cmi2viscr	CMI: Intimacy VI (I value) Scale - 2-item		cmi.viscr = sum.2(cmi.like, cmi.chang_r) .
cmi2ctscr	CMI: Intimacy CT (They [partner] care) Scale - 2-item		cmi.ctscr = sum.2(cmi.ignor_r, cmi.anyth) .
cmi2utscr	CMI: Intimacy UT (They [partner] understand) Scale - 2-item		cmi.utscr = sum.2(cmi.relat, cmi.get_r) .
cmi2vtscr	CMI: Intimacy VT (They [partner] value) Scale - 2-item		cmi.vtscr = sum.2(cmi.triv_r, cmi.belv) .
cmi6totali	CMI: Clark Marital Intimacy Total "I" Scales		cmi.totali = sum.3(cmi.ciscr, cmi.viscr, cmi.uiscr).
cmi6totalt	CMI: Clark Marital Intimacy Total "T" Scales		cmi.totalt = sum.3(cmi.ctscr, cmi.vtscr, cmi.utscr).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
Big5	*****5 FACTOR PERSONALITY VARIABLES*****		
extraversion	Zscore: GB5: Extraversion		All of the Big Five personality factors were assessed in PCS1, PCS2, PMBC, and PCS3; only extraversion was measured in all 5 studies. PCS1, PCS2, and PMBC used Goldberg's Adjective Scale[1]; PCS3 used the International Personality Item Pool (IPIP) Big 5 scale[2, 3]; and BCS used the Extraversion/Introversion items from the Eysenck Personality Questionnaire[4]. Because of the heterogeneity of the personality measures, standardized (*z*-score) values were computed to create equivalency across the studies. All values are standardized.
agreeableness	Zscore: GB5: Agreeableness		
conscientiousness	Zscore: GB5: conscientiousness		
emotstability	Zscore: GB5: emotional stability		
openness	Zscore: GB5: openness to experience		
optm	*****OPTIMISM*****		
lotr.expbst	LOT-R: usually expect the best	AGR04	Optimism was measured in PCS1, PMBC, and PCS3. Whereas PCS1 used the original Life Orientation Test (LOT), the latter two studies used the revised LOT. To establish equivalency across the three studies, PCS1 LOT scores were re-calculated using only the items included in the revised version. All values are in the original metric of the scale.
lotr.relax	LOT-R: <<filler item>> easy for me to relax	AGR04	
lotr.gowrng_r	LOT-R: if something can go wrong, it will (rev)	AGR04R	
lotr.optfut	LOT-R: always optimistic about future	AGR04	
lotr.enjfr	LOT-R: <<filler item>> enjoy my friends	AGR04	
lotr.kpbsy	LOT-R: <<filler item>> important for me to keep busy	AGR04	
lotr.myway_r	LOT-R: hardly ever expect things to go my way (rev)	AGR04R	
lotr.upset	LOT-R: <<filler item>> don't get upset too easily	AGR04	
lotr.gdthng_r	LOT-R: rarely count on good things happening to me (rev)	AGR04R	
lotr.expgd	LOT-R: overall, expect more good things than bad	AGR04	
lotr.optm	LOT-R: Revised Life Orientation Test Optimism Scale		lotr.optm = sum.6(lotr.expbst, lotr.gowrng_r, lotr.optfut, lotr.myway_r, lotr.gdthng_r, lotr.expgd).
open	*****OPENER SCALE*****		
op.tellme	OP: people tell me about themselves	AGR15	The Opener Scale was administed in PMBC and PCS3. All values are in the original metric of the scale.
op.gdlstn	OP: been told I am a good listener		
op.accpt	OP: I am accepting		
op.trstme	OP: people trust me		
op.opnup	OP: easily get people to open up		
op.pplrlx	OP: people feel relaxed around me		
op.enjlstn	OP: enjoy listening to people		
op.symp	OP: sympathetic to problems		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
op.encrg	OP: encourage people to tell me how they are feeling		
op.kptlk	OP: keep people talking about themselves		
op.totopen	OP: Openers Total Score		op.totopen = mean.8(op.tellme, op.gdlstn, op.accpt, op.trstme, op.opnup, op.pprlx, op.enjlstn, op.symp, op.encrg, op.kptlk)*10.
comm	*****COMMUNAL ORIENTATION*****		
comm1	COMM: bothers me when others neglect my needs	LIKE15	The Communal Orientation Scale was administered in PCS2, PMBC, and PCS3. All values are in the original metric of the scale.
comm2	COMM: take others' needs/feelings into account		
comm3	COMM: not sensitive to others feelings		
comm4	COMM: do not consider myself a helpful person		
comm5	COMM: believe people should be helpful	LIKE15	
comm6	COMM: do not enjoy giving others aid		
comm7	COMM: expect people to be responsive to my needs		
comm8	COMM: go out of my way to help others		
comm9	COMM: best not to get involved in taking care of others' needs		
comm10	COMM: am not a person who comes to the aid of others		
comm11	COMM: turn to others for help when I need it		
comm12	COMM: avoid people when they are upset		
comm13	COMM: people should keep troubles to themselves		
comm14	COMM: hurt when others ignore my needs		
comm3_r	COMM: not sensitive to others' feelings (rev)	LIKE15R	
comm4_r	COMM: do not consider myself a helpful person - (rev)		
comm6_r	COMM: do not enjoy giving others aid (reversed)		
comm9_r	COMM: best not to get involved in ... others' needs - (rev)		
comm10_r	COMM: am not a person who comes to the aid of others - (rev)		
comm12_r	COMM: avoid people when they are upset - (rev)		
comm13_r	COMM: people should keep troubles to themselves - (rev)		
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: Expect Communal Toward Self Sub-Scale		comm.self = mean.3(comm1, comm7, comm11, comm14)*4.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
cmhs	*****COOK-MEDLEY HOSTILITY SCALE*****		
cmhs.aff	CM-Ho: Cook-Medley Hostility Hostile Affect Scale		The Cook Medley Hostility Scale was administed in PMBC and PCS3. Because the scale was given on 2 occasions in PMBC, the values included in the Aggregated data set represent the average of the 2 administrations. All values are in the original metric of the scale.
cmhs.agg	CM-Ho: Cook-Medley Hostility Aggressive Responding Scale		
cmhs.cyn	CM-Ho: Cook-Medley Hostility Cynicism Scale		
cmhs.total	CM-Ho: Cook-Medley Hostility Scale Total Score		cmhs.total = sum.3(cmhs.aff, cmhs.agg, cmhs.cyn)
isel	*****INTERPERSONAL SUPPORT EVALUATION LIST*****		
isel.trip	ISEL: if go on a trip...have a hard time finding someone to go with me	TF03	The Interpersonal Support Evaluation List (ISEL) was administered in BCS, PCS2, PMBC, and PCS3. Whereas the BCS used the full 40-item scale, the three more recent studies used the 12-item version. To establish equivalency across the four studies, BCS ISEL scores were re-calculated using only the items that comprise the 12-item version.
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 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 to look after my place		
isel.lnch	ISEL: if wanted to have lunch w/someone...could easily find someone		
isel.strn	ISEL: if stranded 10 miles from home...someone I could call to get me		
isel.fam	ISEL: if family crisis...difficult to find someone to give me good advice		
isel.help	ISEL: if needed help moving…hard time finding someone to help me		
isel.trip_r	ISEL: if go on a trip...have a hard time finding someone to go - (rev)	TF03R	
isel.fear_r	ISEL: no one I can share my most private worries and fears with - (rev)		
isel.invt_r	ISEL: don't often get invited to do things w/others (rev)		
isel.lkaft_r	ISEL: if I had to go out of town...difficult to find someone to look after...(rev)		
isel.fam_r	ISEL: if family crisis...difficult to find someone to give good advice (rev)		
isel.help_r	ISEL: if needed help moving... hard time finding someone to help (rev)		
isel4apprs	ISEL: 4-item Appraisal Support subscore		isel4apprs = sum.4(isel.fear_r, isel.advc, isel.pers, isel.fam_r).
isel4belng	ISEL: 4-item Belonging Support subscore		isel4belng = sum.4(isel.trip_r, isel.mvie, isel.invt_r, isel.lnch).
isel4tang	ISEL: 4-item Tangible Support subscore		isel4tang = sum.4(isel.sick, isel.lkaft_r, isel.strn, isel.help_r).
isel12tot	ISEL: 12-item Overall Total Interpersonal Support		isel12tot = sum.3(isel4apprs, isel4belng, isel4tang).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
nar	*****NEGATIVE ASPECTS OF RELATIONSHIPS*****		
nar.dem	NAR: how often have others made too many demands on you?	FRQ03	The Negative Aspects of Relationships Scale was administed in PMBC and PCS3. All values are in the original metric of the scale.
nar.crit	NAR: how often have others been critical of you?		
nar.pry	NAR: how often have others pried into your affairs?		
nar.tkadv	NAR: how often have others taken advantage of you?		
nar.letdn	NAR: how often have others let you down?		
nar.total	NAR: Negative Aspects of Relationships Total Score		nar.total = sum.5(nar.dem, nar.crit, nar.pry, nar.tkadv, nar.letdn)
ryffpwb	*****RYFF SCALES OF PSYCHOLOGICAL WELL-BEING*****		
pwb.pr1	PWB: PR - people see me as loving/affectionate	AGR16	The Positive Relationships subscale was administered in PCS2, PMBC, and PCS3; the remaining three subscales (Environmental Mastery, Purpose in Life, and Self-Acceptance) were administered in PCS2 and PCS3 only. All values are in the original metric of the scale.
pwb.pr2	PWB: PR - maintaining close relationships is difficult/frustrating		
pwb.pr3	PWB: PR - often feel lonely...have few close friends		
pwb.pr4	PWB: PR - enjoy personal and mutual conversations		
pwb.pr5	PWB: PR - don't have people who want to listen when I need to talk		
pwb.pr6	PWB: PR - most other people have more friends than I do		
pwb.pr7	PWB: PR - people describe me as a giving person		
pwb.pr8	PWB: PR - have not experienced many warm/trusting relationships		
pwb.pr9	PWB: PR - I can trust my friends...they can trust me		
pwb.pr2_r	PWB: PR - maintaining close relationships difficult/frustrating (rev)	AGR16R	
pwb.pr3_r	PWB: PR - often feel lonely...have few close friends (rev)		
pwb.pr5_r	PWB: PR - don't have people who want to listen (rev)		
pwb.pr6_r	PWB: PR - most other people have more friends than I do (rev)		
pwb.pr8_r	PWB: PR - not experienced many warm/trusting relationships (rev)		
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.em1	PWB: EM - feel I am in charge of the situation in which I live	AGR16	
pwb.em2	PWB: EM - demands of life get me down		
pwb.em3	PWB: EM - do not fit with people/community around me		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
pwb.em4	PWB: EM - good at managing responsibilities of my daily life		
pwb.em5	PWB: EM - often overwhelmed by my responsibilities		
pwb.em6	PWB: EM - do a good job taking care of my finances/affairs	AGR16	
pwb.em7	PWB: EM - good at juggling my time		
pwb.em8	PWB: EM - have difficulty arranging my life		
pwb.em9	PWB: EM - have been able to build a home/lifestyle to my liking		
pwb.em2_r	PWB: EM - demands of life get me down (rev)	AGR16R	
pwb.em3_r	PWB: EM - do not fit with people/community around me (rev)		
pwb.em5_r	PWB: EM - often overwhelmed by my responsibilities (rev)		
pwb.em8_r	PWB: EM - have difficulty arranging my life (rev)		
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.pl1	PWB: PL - live life one day at a time...don't think about future	AGR16	
pwb.pl2	PWB: PL - enjoy making plans for the future		
pwb.pl3	PWB: PL - tend to focus on present...future brings me problems		
pwb.pl4	PWB: PL - my daily activities seem trivial/unimportant		
pwb.pl5	PWB: PL - don't have a sense of what I'm trying to accomplish in life		
pwb.pl6	PWB: PL - I am active in carrying out plans		
pwb.pl7	PWB: PL - used to set goals...now seems a waste of time		
pwb.pl8	PWB: PL - some people wander aimlessly...I am not one of them		
pwb.pl9	PWB: PL - feel I've done all there is to do in life		
pwb.pl1_r	PWB: PL - live life one day at a time...don't think about future (rev)	AGR16R	
pwb.pl3_r	PWB: PL - focus on present...future brings problems (rev)		
pwb.pl4_r	PWB: PL - my daily activities seem trivial/unimportant (rev)		
pwb.pl5_r	PWB: PL - don't have a sense of what I'm trying to accomplish (rev)		
pwb.pl7_r	PWB: PL - used to set goals...now seems a waste of time (rev)		
pwb.pl9_r	PWB: PL - feel I've done all there is to do in life (rev)		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
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.sa1	PWB: SA - when I look at my life...I am pleased	AGR16	
pwb.sa2	PWB: SA - I feel confident and positive about myself		
pwb.sa3	PWB: SA - many people I know have gotten more out of life than I have		
pwb.sa4	PWB: SA - I like most aspects of my personality	AGR16R	
pwb.sa5	PWB: SA - made mistakes in past...but everything has worked out		
pwb.sa6	PWB: SA - I feel disappointed about my achievements in life		
pwb.sa7	PWB: SA - attitude about self not as positive as most people's about themselves		
pwb.sa8	PWB: SA - past had its ups and downs...but wouldn't want to change it		
pwb.sa9	PWB: SA - when I compare myself to friends...feel good about who I am		
pwb.sa3_r	PWB: SA - many people I know have gotten more out of life (rev)		
pwb.sa6_r	PWB: SA - feel disappointed about my achievements (rev)		
pwb.sa7_r	PWB: SA - attitude about self not as positive as most people's (rev)		
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.total	PWB: Psychological Well-Being Total Score		pwb.total = sum.4(pwb.accept, pwb.mastery, pwb.posrelat, pwb.purpose).
convoy	*****SOCIAL CONVOY*****		
conv1	CONV: # inner circle contacts participant interacts with >= 1x month		The Social Convoy was administered in PMBC and PCS3. All values are in the original metric of the scale.
conv2	CONV: # middle circle contacts participant interacts with >= 1x month		
conv3	CONV: # outer circle contacts participant interacts with >= 1x month		
conv.total	CONV: Social Convoy Total Score		conv.total = sum.3(conv1, conv2, conv3).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
sni	*****SOCIAL NETWORK INVENTORY (SNI)*****		
The Social Network Inventory (SNI) was administered in all 5 studies. All values are in the original metric of the scale unless otherwise noted.			
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.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.hcc.chrch	SNI - high contact: #church members talk to ≥ every 2 wks	SNINUM1	
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.hcc.volntrs	SNI - high contact: # fellow volunteers talk to ≥ every 2 wks	SNINUM1	
sni.othgrp	SNI: belong to other group	YES/NO	
sni.hcc.othgrp	SNI: # other group members you talk with ≥ every 2 wks	SNINUM1	
sni.hcc.cowrks	SNI - high contact: # coworkers talk with ≥ every 2 wks	SNINUM1	
sni.hcc.suprvs	SNI - high contact: # people you supervise at work	SNINUM1	

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
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.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.hcr.volntr	SNI - high contact role: volunteer	SNIROLE	if (sni.hcc.volntrs >0) sni.hcr.volntr=1; if (sni.hcc.volntrs = 0) sni.hcr.volntr = 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.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.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.class	SNI: attend classes	YES/NO	
sni.church	SNI: belong to church, temple, or other religious group	YES/NO	
sni.volgrp	SNI: belong to a volunteer group	YES/NO	
sni.emplout	SNI: employed outside the home	YES/NO	
sni.employ_raw	SNI: employed (RAW)	SNIEMP1	
sni.employed	SNI: any employment (computed)	SNIEMP2	**For BCS, PCS1, and PCS2:** if sni.employ_raw = 0 sni.employed = 0. if sni.employ_raw = 1 or sni.employ_raw = 2 sni.employed = 1. **For PMBC and PCS3:** sni.employed = sni.emplout.
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.suprv, sni.hcr.cowrk, 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).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
sni.em.none	SNI - do not use e-mail	SNIEM1	SNI email items were included only in PMBC and PCS3.
sni.em.chldrn_raw	SNI - email: child(ren) ≥every 2 wks (RAW)	SNIEM2	
sni.em.parnts_raw	SNI - email: parent(s) ≥every 2 wks (RAW)		
sni.em.inlaws_raw	SNI - email: in-law(s) ≥every 2 wks (RAW)	SNIEM2	
sni.em.reltvs_raw	SNI - email: other relative(s) ≥every 2 wks (RAW)		
sni.em.frnds_raw	SNI - email: close friend(s) ≥every 2 wks (RAW)		
sni.em.chrch_raw	SNI - email: church member(s) ≥every 2 wks (RAW)		
sni.em.stdnts_raw	SNI - email: fellow student(s) ≥every 2 wks (RAW)		
sni.em.nghbrs_raw	SNI - email: neighbor(s) ≥every 2 wks (RAW)		
sni.em.volntrs_raw	SNI - email: fellow volunteer(s) ≥every 2 wks (RAW)		
sni.em.cowrks_raw	SNI - email: co-worker(s) ≥every 2 wks (RAW)		
sni.em.othgrp_raw	SNI - email: members of groups ≥every 2 wks (RAW)		
sni.em.chldrn	SNI - high contact email: child(ren)?	SNIEM3	All variables re-coded so that non-email users (i.e., sni.em.none = 1) receive a 0 score.
sni.em.parnts	SNI - high contact email: parent(s)?		
sni.em.inlaws	SNI - high contact email: parent(s)-in-law?		
sni.em.reltvs	SNI - high contact email: other close relative(s)?		
sni.em.frnds	SNI - high contact email: close friend(s)?		
sni.em.chrch	SNI - high contact email: fellow church member(s)?		
sni.em.othgrp	SNI - high contact email: fellow other group member(s)?		
sni.em.volntrs	SNI - high contact email: fellow volunteer(s)?		
sni.em.nghbrs	SNI - high contact email: neighbor(s)?		
sni.em.stdnts	SNI - high contact email: fellow student(s)?		
sni.em.cowrks	SNI - high contact contact: coworker(s)?		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
pss	*****PERCEIVED STRESS SCALE (PSS)*****		
pss.upset	PSS: upset b/c something happened unexpectedly	FRQ04	The Perceived Stress Scale was administered in all five studies. Because all but one of the studies (BCS) administered the 10-item version of the scale, only the items comprising that version and the 10-item and 4-item totals are included in the Aggregated data set. All values are in the original metric of the scale.
pss.cntrl	PSS: unable to control important things		
pss.ontop	PSS: on top of things		
pss.irrit	PSS: control irritations		
pss.cope	PSS: could not cope	FRQ04	
pss.way	PSS: things going your way		
pss.pers	PSS: confident about ability to handle personal problems		
pss.diffs	PSS: difficulties piling up		
pss.angr	PSS: angered b/c things outside of your control		
pss.nervs	PSS: nervous and stressed		
pss.pers_r	PSS: confident about ability to handle personal problems (rev)	FRQ04R	
pss.way_r	PSS: things going your way (rev)		
pss.irrit_r	PSS: control irritations (rev)		
pss.ontop_r	PSS: on top of things (rev)		
pss10tot	PSS: 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: 4-item total score		pss4tot = mean.3(pss.cntrl, pss.pers_r, pss.way_r, pss.diffs)*4.
evnts	*****LIFE EVENTS LIST*****		
lel.move	LEL: moved in last 12 months	YES/NO	The Life Events List (LEL) was administered in BCS and PCS3. All values are in the original metric of the scale.
lel.move.new	LEL: neighborhood is better worse or the same	LELSAME	
lel.move.exp	LEL: moving a good or bad experience	LELEXP	
lel.rombrk	LEL: broken engagement or ended intimate relationship	YES/NO	
lel.rombrk.exp	LEL: rate feeling about breakup	LELEXP	
lel.mar	LEL: get married in past 12 months	YES/NO	
lel.mar.wnt	LEL: did you want to get married	YES/NO	
lel.mar.exp	LEL: rate marriage	LELEXP	
lel.death	LEL: someone you were close to die	YES/NO	
lel.dth.sp	LEL: who died - spouse or intimate friend		
lel.dth.pa	LEL: who died - parent		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.dth.inlw	LEL: who died - spouse's parent		Because of a printing error, response options for "sibling", "child", and "other relatives" appeared as a single response in the version of the LEL that was administered in PCS3. To establish equivalency between the two studies, BCS "sibling", "child", and "other relative" response options were collapsed.
lel.dth.rel	LEL: who died - brother or sister child other relatives		
lel.dth.fr	LEL: who died - friend		
lel.dth.oth	LEL: who died - other		
lel.divrc	LEL: separated or divorced in last 12 months	YES/NO	
lel.divrc.wnt	LEL: want to get separated or divorced	YES/NO	
lel.divrc.exp	LEL: rate separation or divorce	LELEXP	
lel.frbrk	LEL: break up with a close friend last 12 months	YES/NO	
lel.frbrk.wnt	LEL: want to break up with friend	YES/NO	
lel.frbrk.exp	LEL: rate break up with friend	LELEXP	
lel.relwrs	LEL: important relationship get worse in past 12 months	YES/NO	
lel.rlwrs.boss	LEL: with whom did relationship get worse - boss		
lel.rlwrs.sp	LEL: with whom did relationship get worse - spouse		
lel.rlwrs.fr	LEL: with whom did relationship get worse - friend		
lel.rlwrs.ch	LEL: with whom did relationship get worse - child		
lel.rlwrs.pa	LEL: with whom did relationship get worse - parent		
lel.rlwrs.rel	LEL: with whom did relationship get worse - other family member		
lel.child	LEL: have a child or adopt a child last 12 months	YES/NO	
lel.child.frst	LEL: is this your first child	YES/NO	
lel.child.plan	LEL: did you plan to have this child	YES/NO	
lel.child.exp	LEL: rate having this child	LELEXP	
lel.accdnt	LEL: self, close friend, family member had accident in past 12 mo	YES/NO	
lel.acc.slf	LEL: who required treatment - you		
lel.acc.sp	LEL: who required treatment - spouse/partner		
lel.acc.ch	LEL: who required treatment - child		
lel.acc.pa	LEL: who required treatment - parent		
lel.acc.inlw	LEL: who required treatment - spouse's parent		
lel.acc.sib	LEL: who required treatment - brother or sister		
lel.acc.fr	LEL: who required treatment - friend		
lel.acc.oth	LEL: who required treatment - other		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.hosp	LEL: self, close friend, family member hospitalized in past 12 mos	YES/NO	
lel.hosp.slf	LEL: who hospitalized - you		
lel.hosp.sp	LEL: who hospitalized - spouse/partner		
lel.hosp.ch	LEL: who hospitalized - child		
lel.hosp.pa	LEL: who hospitalized - parent		
lel.hosp.inlw	LEL: who hospitalized - spouse's parent		
lel.hosp.sib	LEL: who hospitalized - brother or sister		
lel.hosp.fr	LEL: who hospitalized - friend		
lel.hosp.oth	LEL: who hospitalized - other		
lel.slfpreg	LEL: (women) have you been pregnant last 12 months	YES/NO	
lel.slfprg.plan	LEL: pregnancy planned or unplanned	LELPLAN	
lel.slfprg.exp	LEL: rate pregnancy	LELEXP	
lel.wfprg	LEL: (men) wife, girlfriend pregnant in last 12 mos (no if NA)	YES/NO	
lel.wfprg.plan	LEL: pregnancy planned or unplanned	LELPLAN	
lel.wfprg.exp	LEL: rate pregnancy	LELEXP	
lel.slfabrt	LEL: (women) had an abortion last 12 months	YES/NO	
lel.wfabrt	LEL: (men) wife, girlfriend had an abortion last 12 mos (no if NA)	YES/NO	
lel.slfmscr	LEL: (women) had miscarriage or stillbirth last 12 months	YES/NO	
lel.wfmscr	LEL: (men) wife, girlfriend miscarriage last 12 mos (no if NA)	YES/NO	
lel.job	LEL: you or spouse/partner lost or changed jobs last 12 months	YES/NO	
lel.job.who	LEL: who lost job	LEWHO1	
lel.job.why	LEL: why leave job (only you if both lost)	LELJOB	
lel.job.stay	LEL: could have stayed at job	YES/NO	
lel.job.exp	LEL: rate leaving job	LELEXP	
lel.fail	LEL: business/investment loss/failure in last 12 months	YES/NO	
lel.fail.who	LEL: who suffered loss	LEWHO1	
lel.disap	LEL: work or education problems/disappointments last in 12 mos	YES/NO	
lel.disap.who	LEL: who had problems/disappointments	LEWHO1	
lel.disap.wht	LEL: what was problem/disappointment	LELDIS	

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.succ	LEL: success at work or educational course in last 12 months	YES/NO	
lel.succ.who	LEL: who had success	LEWHO1	
lel.finan	LEL: significant change in personal finances past 12 months	YES/NO	
lel.finan.rate	LEL: change for better or worse	LELFIN	
lel.hsebrk	LEL: house been broken into or burgled past 12 months	YES/NO	
lel.asslt	LEL: assaulted or mugged past in 12 months	YES/NO	
lel.asslt.slf	LEL: who assaulted or mugged - you		
lel.asslt.sp	LEL: who assaulted or mugged - spouse/partner		
lel.asslt.ch	LEL: who assaulted or mugged - child		
lel.asslt.pa	LEL: who assaulted or mugged - parent		
lel.asslt.sib	LEL: who assaulted or mugged - brother or sister		
lel.asslt.oth	LEL: who assaulted or mugged - other		
lel.behav	LEL: member of family been significant problem past 12 months	YES/NO	
lel.behv.sp	LEL: who was problem - spouse/partner		
lel.behv.ch	LEL: who was problem – child		
lel.behv.pa	LEL: who was problem – parent		
lel.behv.sib	LEL: who was problem - brother of sister		
lel.behv.oth	LEL: who was problem – other		
lel.court	LEL: you or spouse/partner appeared in court past 12 months	YES/NO	
lel.court.who	LEL: who in court	LEWHO1	
lel.court.exp	LEL: rate court experience	LELEXP	
lel.pet	LEL: pet die get lost or given away past 12 months	YES/NO	
lel.addevnts	LEL: other event past 12 months	YES/NO	
lel.evnt1.slf	LEL: who event 1 – you		In PCS3, participants also had the options of identifying "spouse/partner's parent", "brother or sister", and "friend" as persons affected by the three "additional life events". Because these options were not available in BCS, they were collapsed with the "other" category for the Aggregated data set.
lel.evnt1.sp	LEL: who event 1 - spouse/partner		
lel.evnt1.ch	LEL: who event 1 - child		
lel.evnt1.pa	LEL: who event 1 - parent		
lel.evnt1.oth	LEL: who event 1 - other		

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VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.evnt1_str	LEL: what happened event 1		
lel.evnt1.wnt	LEL: want event to happen event 1	YES/NO	
lel.evnt1.exp	LEL: rate feelings event 1	LELEXP	
lel.evnt2.slf	LEL: who event 2 - you		
lel.evnt2.sp	LEL: who event 2 - spouse/partner		
lel.evnt2.ch	LEL: who event 2 - child		
lel.evnt2.pa	LEL: who event 2 - parent		
lel.evnt2.inlw	LEL: who event 2 - spouse's parent		
lel.evnt2.sib	LEL: who event 2 - brother or sister		
lel.evnt2.fr	LEL: who event 2 - friend		
lel.evnt2.oth	LEL: who event 2 - other		
lel.evnt2_str	LEL: what happened event 2		
lel.evnt2.wnt	LEL: want event to happen event 2	YES/NO	
lel.evnt2.exp	LEL: rate feelings event 2	LELEXP	
lel.evnt3.slf	LEL: who event 3 - you		
lel.evnt3.sp	LEL: who event 3 - spouse/partner		
lel.evnt3.ch	LEL: who event 3 - child		
lel.evnt3.pa	LEL: who event 3 - parent		
lel.evnt3.inlw	LEL: who event 3 - spouse's parent		
lel.evnt3.sib	LEL: who event 3 - brother or sister		
lel.evnt3.fr	LEL: who event 3 - friend		
lel.evnt3.oth	LEL: who event 3 - other		
lel.evnt3_str	LEL: what happened event 3		
lel.evnt3.wnt	LEL: want event to happen event 3	YES/NO	
lel.evnt3.exp	LEL: rate feelings event 3	LELEXP	

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.preg	LEL: you or wife/partner been pregnant in last year		if (sex = 0) lev.preg = lev.wfprg; if (sex = 1) lev.preg = lev.slfprg.
lel.abort	LEL: you or wife/partner had abortion in last year		if (sex = 0) lev.abort = lev.wfabrt; if (sex = 1) lev.abort = lev.slfabrt.
lel.miscrg	LEL: you or wife/partner had miscarriage in last year		if (sex = 0) lev.miscrg = lev.wfmscr; if (sex = 1) lev.miscrg = lev.slfmiscrg.
lel.move.ne	LEL: moving was negative event (computed)		do if lev.move.exp ge 1 and lev.move.exp le 3.
lel.move.pe	LEL: moving was positive event (computed)		lev.move.ne = 0.
			lev.move.pe = 1.
			end if.
			do if lev.move.exp ge 4 and lev.move.exp le 6.
			lev.move.ne = 1.
			lev.move.pe = 0.
			end if.
lel.rombrk.ne	LEL: romantic break-up was negative event		All positive and negative count items were computed using the same formula as that presented for moving (see above), save for the substitution of relevant variables.
lel.rombrk.pe	LEL: romantic break-up was positive event		
lel.mar.ne	LEL: marriage was negative event		
lel.mar.pe	LEL: marriage was positive event		
lel.divrc.ne	LEL: separation/divorce was negative event		
lel.divrc.pe	LEL: separation/divorce was positive event		
lel.frbrk.ne	LEL: break-up with friend was negative event		
lel.frbrk.pe	LEL: break-up with friend was positive event		
lel.child.ne	LEL: having/adopting child was negative event		
lel.child.pe	LEL: having/adopting child was positive event		
lel.slfprg.ne	LEL: own pregnancy was negative event		
lel.slfprg.pe	LEL: own pregnancy was negative event		
lel.wfprg.ne	LEL: wife/girlfriend's pregnancy was negative event		
lel.wfprg.pe	LEL: wife/girlfriend's pregnancy was positive event		
lel.slfabrt.ne	LEL: own abortion was negative event		
lel.wfabrt.ne	LEL: wife/girlfriend's abortion was negative event		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.slfmscr.ne	LEL: own miscarriage was negative event		
lel.wfmscr.ne	LEL: wife/girlfriend's miscarriage was negative event		
lel.preg.ne	LEL: own or wife/girlfriend's pregnancy was negative event		
lel.preg.pe	LEL: own or wife/girlfriend's pregnancy was positive event		
lel.abort.ne	LEL: own or wife/girlfriend's abortion was negative event		
lel.miscrg.ne	LEL: own or wife/girlfriend's miscarriage was negative event		
lel.job.ne	LEL: own or spouse/partner's job change was negative event		
lel.job.pe	LEL: own or spouse/partner's job change was positive event		
lel.fail.ne	LEL: business/investment loss/failure was negative event		
lel.disap.ne	LEL: work/education disappointment was negative event		
lel.succ.pe	LEL: work/education success was positive event		
lel.finan.ne	LEL: change in finances was negative event		
lel.finan.pe	LEL: change in finances was positive event		
lel.hsebrk.ne	LEL: housebreaking/burglary was negative event		
lel.court.ne	LEL: court appearance was negative event		
lel.court.pe	LEL: court appearance was positive event		
lel.pet.ne	LEL: pet loss/death was negative event		
lel.evnt1.ne	LEL: additional event #1 was negative event		
lel.evnt1.pe	LEL: additional event #1 was positive event		
lel.evnt2.ne	LEL: additional event #2 was negative event		
lel.evnt2.pe	LEL: additional event #2 was positive event		
lel.evnt3.ne	LEL: additional event #3 was negative event		
lel.evnt3.pe	LEL: additional event #3 was positive event		

lel.job.no	LEL: job change was negative "other" event		do if (lev.job.who = 2)
			if (lev.job.exp ge 4 and lev.job.exp le 6) lev.job.no = 1.
			if (lev.job.exp ge 1 and lev.job.exp le 3) lev.job.no = 0.
			else if (lev.job.who = 1 or lev.job.who = 3).
			lev.job.no = 0.
			end if. end if.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.fail.no	LEL: business/investment loss/failure was negative "other" event		All variables created to indicate negative events that happened to other persons were computed using the same formula as that presented for job change event (see above), save for the substitution of relevant variables.
lel.disap.no	LEL: work/education disappointment was negative "other" event		
lel.court.no	LEL: court appearance was negative "other" event		
lel.evnt1.no	LEL: additional event #1 was negative "other" event		
lel.evnt2.no	LEL: additional event #2 was negative "other" event		
lel.evnt3.no	LEL: additional event #3 was negative "other" event		
lel.job.tse	LEL: job change counts toward self-event total		do if lev.job = 0. lev.job.tse = 0. lev.job.toe = 0. else if lev.job = 1. do if (lev.job.who = 1 or lev.job.who = 3). lev.job.tse = 1. lev.job.toe = 0. else if (lev.job.who = 2). lev.job.tse = 0. lev.job.toe = 1. end if. end if.
lel.job.toe	LEL: job change counts toward other-event total		
lel.fail.tse	LEL: business/invest loss/failure counts toward self-event total		All variables created to indicate whether events should be included in counts of "self" or "other" total life events were computed using the same formula as that presented for job change event (see above), save for the substitution of relevant variables.
lel.fail.toe	LEL: business/invest loss/failure counts toward other-event total		
lel.disap.tse	LEL: work/educ disappointment counts toward self-event total		
lel.disap.toe	LEL: work/educ disappointment counts toward other-event total		
lel.succ.tse	LEL: work/educ success counts toward self-event total		
lel.succ.toe	LEL: work/educ success counts toward other-event total		
lel.court.tse	LEL: court appearance counts toward self-event total		
lel.court.toe	LEL: court appearance counts toward other-event total		
lel.evnt1.tse	LEL: additional event #1 counts toward self-event total		
lel.evnt1.toe	LEL: additional event #1 counts toward other-event total		
lel.evnt2.tse	LEL: additional event #2 counts toward self-event total		

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VAR NAME	VARIABLE LABEL	VALUES	FORMULA/DESCRIPTION
lel.evnt2.toe	LEL: additional event #2 counts toward other-event total		
lel.evnt3.tse	LEL: additional event #3 counts toward self-event total		
lel.evnt3.toe	LEL: additional event #3 counts toward other-event total		
lel.negself	LEL: Life Events List - total # of negative self-events		lev.negself = sum(lev.move.ne, lev.rombrk.ne, lev.mar.ne, lev.dth.sp, lev.dth.pa, lev.dth.inlw, lev.dth.rel, lev.dth.fr, lev.dth.oth, lev.divrc.ne, lev.frbrk.ne, lev.rlwrs.boss, lev.rlwrs.sp, lev.rlwrs.fr, lev.rlwrs.ch, lev.rlwrs.pa, lev.rlwrs.rel, lev.child.ne, lev.acc.slf, lev.hosp.slf, lev.preg.ne, lev.abort.ne, lev.miscrg.ne, lev.job.ne, lev.fail.ne, lev.disap.ne, lev.finan.ne, lev.hsebrk.ne, lev.asslt.slf, lev.behv.sp, lev.behv.ch, lev.behv.pa, lev.behv.sib, lev.behv.oth, lev.court.ne, lev.pet.ne, lev.evnt1.ne, lev.evnt2.ne, lev.evnt3.ne).
lel.posself	LEL: Life Events List - total # of positive self-events		lev.posself = sum(lev.move.pe, lev.rombrk.pe, lev.mar.pe, lev.divrc.pe, lev.frbrk.pe, lev.child.pe, lev.preg.pe, lev.job.pe, lev.succ.pe, lev.finan.pe, lev.court.pe, lev.evnt1.pe, lev.evnt2.pe, lev.evnt3.pe).
lel.negothr	LEL: Life Events List - total # of negative other-events		lev.negothr = sum(lev.acc.sp, lev.acc.ch, lev.acc.pa, lev.acc.inlw, lev.acc.sib, lev.acc.fr, lev.acc.oth, lev.hosp.sp, lev.hosp.ch, lev.hosp.pa, lev.hosp.inlw, lev.hosp.sib, lev.hosp.fr, lev.hosp.oth, lev.job.no, lev.fail.no, lev.disap.no, lev.asslt.sp, lev.asslt.ch, lev.asslt.pa, lev.asslt.sib, lev.asslt.oth, lev.court.no, lev.evnt1.no, lev.evnt2.no, lev.evnt3.no).
lel.totself	LEL: Life Events List - total # self-events (positive & negative)		lev.totself = sum.2(lev.negself, lev.posself).
lel.totothr	LEL: Life Events List - total # other-events (positive and negative)		lev.totothr = sum(lev.acc.sp, lev.acc.ch, lev.acc.pa, lev.acc.inlw, lev.acc.sib, lev.acc.fr, lev.acc.oth, lev.hosp.sp, lev.hosp.ch, lev.hosp.pa, lev.hosp.inlw, lev.hosp.sib, lev.hosp.fr, lev.hosp.oth, lev.job.toe, lev.fail.toe, lev.disap.toe, lev.succ.toe, lev.asslt.sp, lev.asslt.ch, lev.asslt.pa, lev.asslt.sib, lev.asslt.oth, lev.court.toe, lev.evnt1.toe, lev.evnt2.toe, lev.evnt3.toe).
lel.totnegev	LEL: Life Events List - total # negative events (negself + negothr)		lev.totnegev = sum.2(lev.negself, lev.negothr).
lel.totevnts	LEL: Life Events List - total # life events (totself + totothr)		lev.totevnts = sum.2(lev.totself, lev.totothr).

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VARIABLE 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		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
leds.otrlev_any	LEDS: any other relationship events		
leds.mscev_any	LEDS: any miscellaneous events and death		
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		
leds.negev_tot	LEDS: # negative events		

[1]Goldberg, L. R. (1992). The development of markers for the big-five factor structure. *Psychological Assessment, 4*, 26-42.

[2]Goldberg, L. R., Johnson, J. A., Eber, H. W., Hogan, R., Ashton, M. C., Cloninger, C. R., & Gough, H. C. (2006). The International Personality Item Pool and the future of public-domain personality measures. *Journal of Research in Personality, 40*, 84-96.

[3]Goldberg, L. R. (1999). A broad-bandwidth, public domain, personality inventory measuring the lower-level facets of several five-factor models. In I. Mervielde, I. Deary, F. De Fruyt, & F. Ostendorf (Eds.), *Personality Psychology in Europe, Vol. 7* (pp. 7-28). Tilburg, The Netherlands: Tilburg University Press.

[4]Eysenck, H. J., Eysenck, S. B. G. (1964). *Manual of the Eysenck Personality Inventory*. London, England: University of London Press.

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
CMI	-2=disagree	LIKE15	1=definitely does not sound like me	AGR16R	1=strongly agree
	-1=slightly disagree		2=does not sound like me		2=moderately agree
	0=neutral		3=neutral		3=slightly agree
	1=slightly agree		4=sounds like me		4=slightly disagree
	2=agree		5=definitely does sound like me		5=moderately disagree
					6=strongly disagree
CMIR	-2=agree	LIKE15R	1=definitely sounds like me		
	-1=slightly agree		2=sounds like me	SNIMAR	1=married/marital-like relationship
	0=neutral		3=neutral		2=never married/marital-like relationship
	1=slightly disagree		4=does not sound like me		3=separated
	2=disagree		5=definitely does not sound like me		4=divorced/formally in marital-like relationship
					5=widowed
AGR04	0=strongly disagree	TF03	0=definitely false		
	1=disagree		1=probably false	SNINUM1	0
	2=neutral		2=probably true		1
	3=agree		3=definitely true		2
	4=strongly agree				3
		TF03R	0=definitely true		4
AGR04R	0=strongly agree		1=probably true		5
	1=agree		2=probably false		6
	2=neutral		3=definitely false		7 or more
	3=disagree				
	4=strongly disagree	FRQ03	0=never	SNIPAR	0=neither
			1=once in a while		1=mother only
AGR15	1=strongly disagree		2=fairly often		2=father only
	2=disagree		3=very often		3=both mother and father
	3=neutral				
	4=agree	AGR16	1=strongly disagree	SNIINL	0=neither
	5=strongly agree		2=moderately disagree		1=mother-in-law only
			3=slightly disagree		2=father-in-law only
			4=slightly agree		3=both mother-in-law and father-in-law
			5=moderately agree		4=not applicable (not married)
			6=strongly agree		

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
SNIEMP1	0=no	FRQ04	0=never	LEWHO1	1=self
	1=yes, self-employed		1=almost never		2=spouse/partner
	2=yes, employed by others		2=sometimes		3=both
			3=fairly often		
SNIROLE	0=does not hold this role		4=very often	LELJOB	1=on strike
	1=holds this role				2=temporarily laid off
		FRQ04R	0=very often		3=fired
SNIEMP2	0=not employed		1=fairly often		4=found better job
	1=employed		2=sometimes		5=plant or business closing or reorganizing
			3=almost never		6=retired
SNINUM2	0 (or have no neighbors)		4=never		7=other
	1				
	2	YES/NO	0=no	LELDIS	1=demoted
	3		1=yes		2=failed to get raise or promotion
	4				3=failed a course
	5	LELSAME	0=same		4=trouble with boss or coworkers
	6		1=better		5=put on academic probation
	7=7 or more		2=worse		6=failed to get into an educational course
					7=other
SNIEM1	0=unchecked	LELEXP	1=very good		
	1=do not use email		2=moderately good	LELFIN	0=better
			3=slightly good		1=worse
SNIEM2	0=no email communication		4=slightly bad		
	1=yes email communication		5=moderately bad		
	888=not applicable		6=very bad		
SNIEM3	0=no/not applicable	LELPLAN	0=planned		
	1=yes		1=unplanned		

Return to ToC

SELF-REPORTED HEALTH

VAR NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
SLFHLTH	*****SELF-REPORTED HEALTH DATA*****		
srh.genhlth	Self-reported Health: SF36, general health	GENHLTH	
srh.lastcold1	Self-reported Health: date of last cold (mmm-yy)		
srh.colddur1	Self-reported Health: duration of last cold (days)		
srh.mthscold1	Self-reported Health: number of months since last cold		
srh.lastcold2	Self-reported Health: date of last cold		
srh.colddur2	Self-reported Health: duration of last cold (days)		
srh.mthscold2	Self-reported Health: number of months since last cold		
srh.coldpstyr	Self-reported Health: number of colds in past year		
srh.coldavgyr	Self-reported Health: number of colds in average year		
srh.allergy	Self-reported Health: allergic status	ALLRG	
srh.lmp1	Self-reported Health: LMP date reported 4-6 weeks pre-quarantine		
srh.lmp2	Self-reported Health: LMP date reported 3 weeks pre-quarantine		
srh.lmp3	Self-reported Health: LMP date reported on Quarantine Day 0		
srh.lmp4	Self-reported Health: LMP data reported 4 weeks post-challenge		
srh.regmenstr	Self-reported Health: regular menstrual cycle	YES/NO	
srh.mens_str	comment regarding menstrual cycle		
srh.nomenstr	Self-reported Health: no longer has a period	MENO	
srh.mensdur	Self-reported Health: avg duration of menstrual period (days)		
srh.cyclngth	Self-reported Health: avg length menstrual cycle (days)		
srh.bcp	Self-reported Health: do you take birth control pills?	YES/NO	
srh.norplant	Self-reported Health: do you have a norplant implant?	YES/NO	
srh.ert	Self-reported Health: are you on estrogen replacement therapy?	YES/NO	
srh.hrt	Self-reported Health: do you take any other hormones?	YES/NO	

Return to ToC

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

Code	Value Labels	Code	Value Labels	Code	Value Labels
GENHLTH	1=excellent	ALLRG	0=non-allergic	YES/NO	0=no
	2=very good		1=allergic		1=yes
	3=good				
	4=fair	MENO	0=pre-menopausal		
	5=poor		1=post-menopausal		

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.

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

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

Return to ToC

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
qaffect	*****AFFECT IN QUARANTINE*****		
Affect while in quarantine was assessed in 4 of the 5 studies (PCS1, PCS2, PMBC, and PCS3). Data for pre-challenge day 0 and post-challenged days 1 through 5 are available for all 4 studies. Data for pre-challenge day -1 were collected in PCS2, PMBC and for 228 participants in PCS1. Data for post-challenge day 6 were collected only in the flu trials of PMBC and are included here for the sake of completion.			
q_1.happy	Quarantine Day -1 happy	AFF04	
q0.happy	Quarantine Day 0 happy		
q1.happy	Quarantine Day 1 happy		
q2.happy	Quarantine Day 2 happy		
q3.happy	Quarantine Day 3 happy		
q4.happy	Quarantine Day 4 happy		
q5.happy	Quarantine Day 5 happy		
q6.happy	Quarantine Day 6 happy (PMBC FLU ONLY)		
q_1.tired	Quarantine Day -1 tired	AFF04	
q0.tired	Quarantine Day 0 tired		
q1.tired	Quarantine Day 1 tired		
q2.tired	Quarantine Day 2 tired		
q3.tired	Quarantine Day 3 tired		
q4.tired	Quarantine Day 4 tired		
q5.tired	Quarantine Day 5 tired		
q6.tired	Quarantine Day 6 tired		
q_1.calm	Quarantine Day -1 calm	AFF04	
q0.calm	Quarantine Day 0 calm		
q1.calm	Quarantine Day 1 calm		
q2.calm	Quarantine Day 2 calm		
q3.calm	Quarantine Day 3 calm		
q4.calm	Quarantine Day 4 calm		
q5.calm	Quarantine Day 5 calm		
q6.calm	Quarantine Day 6 calm		
q_1.sad	Quarantine Day -1 sad	AFF04	
q0.sad	Quarantine Day 0 sad		
q1.sad	Quarantine Day 1 sad		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q2.sad	Quarantine Day 2 sad		
q3.sad	Quarantine Day 3 sad		
q4.sad	Quarantine Day 4 sad		
q5.sad	Quarantine Day 5 sad		
q6.sad	Quarantine Day 6 sad		
q_1.fpep	Quarantine Day -1 full of pep	AFF04	
q0.fpep	Quarantine Day 0 full of pep		
q1.fpep	Quarantine Day 1 full of pep		
q2.fpep	Quarantine Day 2 full of pep		
q3.fpep	Quarantine Day 3 full of pep		
q4.fpep	Quarantine Day 4 full of pep		
q5.fpep	Quarantine Day 5 full of pep		
q6.fpep	Quarantine Day 6 full of pep		
q_1.hostl	Quarantine Day -1 hostile	AFF04	
q0.hostl	Quarantine Day 0 hostile		
q1.hostl	Quarantine Day 1 hostile		
q2.hostl	Quarantine Day 2 hostile		
q3.hostl	Quarantine Day 3 hostile		
q4.hostl	Quarantine Day 4 hostile		
q5.hostl	Quarantine Day 5 hostile		
q6.hostl	Quarantine Day 6 hostile		
q_1.edge	Quarantine Day -1 on edge	AFF04	
q0.edge	Quarantine Day 0 on edge		
q1.edge	Quarantine Day 1 on edge		
q2.edge	Quarantine Day 2 on edge		
q3.edge	Quarantine Day 3 on edge		
q4.edge	Quarantine Day 4 on edge		
q5.edge	Quarantine Day 5 on edge		
q6.edge	Quarantine Day 6 on edge		
q_1.fatig	Quarantine Day -1 fatigued	AFF04	
q0.fatig	Quarantine Day 0 fatigued		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q1.fatig	Quarantine Day 1 fatigued		
q2.fatig	Quarantine Day 2 fatigued		
q3.fatig	Quarantine Day 3 fatigued		
q4.fatig	Quarantine Day 4 fatigued		
q5.fatig	Quarantine Day 5 fatigued		
q6.fatig	Quarantine Day 6 fatigued		
q_1.lively	Quarantine Day -1 lively	AFF04	
q0.lively	Quarantine Day 0 lively		
q1.lively	Quarantine Day 1 lively		
q2.lively	Quarantine Day 2 lively		
q3.lively	Quarantine Day 3 lively		
q4.lively	Quarantine Day 4 lively		
q5.lively	Quarantine Day 5 lively		
q6.lively	Quarantine Day 6 lively		
q_1.angry	Quarantine Day -1 angry	AFF04	
q0.angry	Quarantine Day 0 angry		
q1.angry	Quarantine Day 1 angry		
q2.angry	Quarantine Day 2 angry		
q3.angry	Quarantine Day 3 angry		
q4.angry	Quarantine Day 4 angry		
q5.angry	Quarantine Day 5 angry		
q6.angry	Quarantine Day 6 angry		
q_1.chrfl	Quarantine Day -1 cheerful	AFF04	
q0.chrfl	Quarantine Day 0 cheerful		
q1.chrfl	Quarantine Day 1 cheerful		
q2.chrfl	Quarantine Day 2 cheerful		
q3.chrfl	Quarantine Day 3 cheerful		
q4.chrfl	Quarantine Day 4 cheerful		
q5.chrfl	Quarantine Day 5 cheerful		
q6.chrfl	Quarantine Day 6 cheerful		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.tense	Quarantine Day -1 tense	AFF04	
q0.tense	Quarantine Day 0 tense		
q1.tense	Quarantine Day 1 tense		
q2.tense	Quarantine Day 2 tense		
q3.tense	Quarantine Day 3 tense		
q4.tense	Quarantine Day 4 tense		
q5.tense	Quarantine Day 5 tense		
q6.tense	Quarantine Day 6 tense		
q_1.ease	Quarantine Day -1 at ease	AFF04	
q0.ease	Quarantine Day 0 at ease		
q1.ease	Quarantine Day 1 at ease		
q2.ease	Quarantine Day 2 at ease		
q3.ease	Quarantine Day 3 at ease		
q4.ease	Quarantine Day 4 at ease		
q5.ease	Quarantine Day 5 at ease		
q6.ease	Quarantine Day 6 at ease		
q_1.unhpy	Quarantine Day -1 unhappy	AFF04	
q0.unhpy	Quarantine Day 0 unhappy		
q1.unhpy	Quarantine Day 1 unhappy		
q2.unhpy	Quarantine Day 2 unhappy		
q3.unhpy	Quarantine Day 3 unhappy		
q4.unhpy	Quarantine Day 4 unhappy		
q5.unhpy	Quarantine Day 5 unhappy		
q6.unhpy	Quarantine Day 6 unhappy		
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		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
The following items were included in PCS1 and PCS2 only. Although they were incorporated into the relevant positive and negative affect scores appearing in the stand-alone PCS1 and PCS2 data sets, they were excluded from the scores included here so to establish equivalency across the 4 studies that measured affect in quarantine.			
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.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.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		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
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.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.vigscr	Pre-challenge (Day -1) Vigor Score		q0.vigscr = sum.2(q0.fpep, q0.lively). (computation repeated for all days in quarantine)
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		
Q6.vigscr	Post-Challenge Day 6 Vigor Score		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.wlbgscr	Pre-challenge (Day -1) Well-Being Score		q0.wlbgscr = sum.2(q0.chrfl, q0.happy). (computation repeated for all days in quarantine)
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		
q6.wlbgscr	Post-Challenge Day 6 Well-Being Score		
q_1.calmscr	Pre-challenge (Day -1) Calm Score		q0.calmscr = sum.2(q0.calm, q0.ease). (computation repeated for all days in quarantine)
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		
q6.calmscr	Post-Challenge Day 6 Calm Score		
q_1.posaf	Pre-challenge (Day -1) Positive Affect		q0.posaf = sum.3(q0.vigscr, q0.wlbgscr, q0.calmscr) (computation repeated for all days in quarantine)
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		
q6.posaf	Post-Challenge Day 6 Positive Affect		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.angscr	Pre-challenge (Day -1) Anger Score		q0.angscr = sum.2(q0.hostl, q0.angry). (computation repeated for all days in quarantine)
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		
q6.angscr	Post-Challenge Day 6 Anger Score		
q_1.anxscr	Pre-challenge (Day -1) Anxious Score		q0.anxscr = sum.2(q0.edge, q0.tense). (computation repeated for all days in quarantine)
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		
q6.anxscr	Post-Challenge Day 5 Anxious Score		
q_1.dprsscr	Pre-challenge (Day -1) Depressed Score		q0.dprsscr = sum.2(q0.sad, q0.unhpy). (computation repeated for all days in quarantine)
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		
q6.dprsscr	Post-Challenge Day 6 Depressed Score		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.fatgscr	Pre-challenge (Day -1) Fatigue Score		q0.fatgscr = sum.2(q0.tired, q0.fatig). (computation repeated for all days in quarantine)
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		
q6.fatgscr	Post-Challenge Day 6 Fatigue Score		
q_1.negaf	Pre-challenge (Day -1) Negative Affect		q0.negaf = sum.3(q0.angscr, q0.anx_scr, q0.dprsscr). (computation repeated for all days in quarantine)
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		
q6.negaf	Post-Challenge Day 6 Negative Affect		
q_1.negftg	Pre-challenge (Day -1) Negative Affect + Fatigue		q0.negftg = sum.4(q0.angscr, q0.anx_scr, q0.dprsscr, q0.fatgscr). (computation repeated for all days in quarantine)
q0.negftg	Pre-challenge (Day 0) Negative Affect + Fatigue		
q1.negftg	Post-Challenge Day 1 Negative Affect + Fatigue		
q2.negftg	Post-Challenge Day 2 Negative Affect + Fatigue		
q3.negftg	Post-Challenge Day 3 Negative Affect + Fatigue		
q4.negftg	Post-Challenge Day 4 Negative Affect + Fatigue		
q5.negftg	Post-Challenge Day 5 Negative Affect + Fatigue		
q6.negftg	Post-Challenge Day 6 Negative Affect + Fatigue		

Return to ToC

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE 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?		
q6.smoke	Post-challenge Day 6 - Smoke?		
q_1.smknum	Pre-challenge (Day -1) - total cigarettes, cigars, etc.		
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.		
q6.smknum	Post-challenge Day 6 - 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?		
q6.drink	Post-challenge Day 6 - 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		

AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q4.drnknum	Post-challenge Day 4 - total alcoholic beverages		
q5.drnknum	Post-challenge Day 5 - total alcoholic beverages		
q6.drnknum	Post-challenge Day 6 - total alcoholic beverages		
q_1.exerc	Pre-challenge (Day -1) - Exercise?	YES/NO	
q0.exerc	Pre-challenge (Day 0) - Exercise?		
q1.exerc	Post-challenge Day 1 - Exercise?		
q2.exerc	Post-challenge Day 2 - Exercise?		
q3.exerc	Post-challenge Day 3 - Exercise?		
q4.exerc	Post-challenge Day 4 - Exercise?		
q5.exerc	Post-challenge Day 5 - Exercise?		
q6.exrc	Post-challenge Day 6 - Exercise?		
q_1.exdur	Pre-challenge (Day -1) - duration of exercise (min)		
q0.exdur	Pre-challenge (Day 0) - duration of exercise (min)		
q1.exdur	Post-challenge Day 1 - duration of exercise (min)		
q2.exdur	Post-challenge Day 2 - duration of exercise (min)		
q3.exdur	Post-challenge Day 3 - duration of exercise (min)		
q4.exdur	Post-challenge Day 4 - duration of exercise (min)		
q5.exdur	Post-challenge Day 5 - duration of exercise (min)		
q6.exdur	Post-challenge Day 6 - duration of exercise (min)		
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?		
q6.rested	Post-challenge Day 6 - Rested this morning?		
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)		

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AFFECT & HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
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)		
q6.slplost	Post-challenge Day 6 - 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		
q6.slpqual	Post-challenge Day 6 - 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

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
diagg	***** AGGREGATED VARIABLES *****		
di.totcomplete	DI: Total completed interviews		**PCS2:** di.totcomplete = sum(di1.intyes to di6.intyes). **PMBC & PCS3:** di.totcomplete = sum(di1.intyes to di14.intyes).
di.pctcomplete	DI: % interviews completed (range: 0.00 to 1.00)		**PCS2:** di.pctcomplete = di.totcomplete/6 **PMBC & PCS3:** di.pctcomplete = di.totcomplete/14
di.totwkdays	DI: Total weekdays with interview (Mon-Fri)		**PCS2:** di.totwkdays = sum(di1.wkday to di6.wkday). **PMBC & PCS3:** di.totwkdays = sum(di1.wkday to di14.wkday).
di.pctwkdays	DI: % interviews completed during the week (Mon-Fri; range: 0.00-1.00)		di.pctwkdays = di.totwkdays/di.totcomplete
di.totwndays	DI: Total weekend days with interview (Sat-Sun)		**PCS2:** di.totwndays = sum(di1.wnday to di6.wnday). **PMBC & PCS3:** di.totwndays = sum(di1.wnday to di14.wnday).
di.pctwndays	DI: % interviews completed during weekend (Sat-Sun; range: 0.00-1.00)		di.pctwndays = di.totwndays/di.totcomplete
afagg	*****AVERAGE AFFECT ACROSS INTERVIEW PERIOD*****		
Formulae presented for average affect variables apply to PMBC and PCS3. Formulae for PCS2 are identical save for the averages being calculated across 6 rather than 14 days.			
di.happy_avg	DI - Average Daily Affect: happy		di.happy_avg = mean(di1.happy to di14.happy).
di.tired_avg	DI - Average Daily Affect: tired		di.tired_avg = mean(di1.tired to di14.tired).
di.calm_avg	DI - Average Daily Affect: calm		di.calm_avg = mean(di1.calm to di14.calm).
di.sad_avg	DI - Average Daily Affect: sad		di.sad_avg = mean(di1.sad to di14.sad).
di.fpep_avg	DI - Average Daily Affect: full of pep		di.fpep_avg = mean(di1.fpep to di14.fpep).
di.hostl_avg	DI - Average Daily Affect: hostile		di.hostl_avg = mean(di1.hostl to di14.hostl).
di.edge_avg	DI - Average Daily Affect: on edge		di.edge_avg = mean(di1.edge to di14.edge).
di.fatg_avg	DI - Average Daily Affect: fatigue		di.fatg_avg = mean(di1.fatg to di14.fatg).
di.lively_avg	DI - Average Daily Affect: lively		di.lively_avg = mean(di1.lively to di14.lively).
di.angry_avg	DI - Average Daily Affect: angry		di.angry_avg = mean(di1.angry to di14.angry).
di.chrfl_avg	DI - Average Daily Affect: cheerful		di.chrfl_avg = mean(di1.chrfl to di14.chrfl).
di.tense_avg	DI - Average Daily Affect: tense		di.tense_avg = mean(di1.tense to di14.tense).
di.ease_avg	DI - Average Daily Affect: at ease		di.ease_avg = mean(di1.ease to di14.ease).
di.unhpy_avg	DI - Average Daily Affect: unhappy		di.unhpy_avg = mean(di1.unhpy to di14.unhpy).
di.wlbgscr_avg	DI - Average Daily Affect: well-being subscale score		di.wlbgscr_avg = mean(di1.wlbgscr to di14.wlbgscr).

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AGGREGATED DAILY INTERVIEW DATA

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
di.vigscr_avg	DI - Average Daily Affect: vigor subscale score		di.vigscr_avg = mean(di1.vigscr to di14.vigscr).
di.calmscr_avg	DI - Average Daily Affect: calm subscale score		di.calmscr_avg = mean(di1.calmscr to di14.calmscr).
di.posaf_avg	DI - Average Daily Affect: positive affect score		di.posaf_avg = mean(di1.posaf to di14.posaf).
di.angscr_avg	DI - Average Daily Affect: anger subscale score		di.angscr_avg = mean(di1.angscr to di14.angscr).
di.anxscr_avg	DI - Average Daily Affect: anxiety subscale score		di.anxscr_avg = mean(di1.anxscr to di14.anxscr).
di.dprsscr_avg	DI - Average Daily Affect: depressed subscale score		di.dprsscr_avg = mean(di1.dprsscr to di14.dprsscr).
di.fatgscr_avg	DI - Average Daily Affect: fatigue subscale score		di.fatgscr_avg = mean(di1.fatgscr to di14.fatgscr).
di.negaf_avg	DI - Average Daily Affect: negative affect score		di.negaf_avg = mean(di1.negaf to di14.negaf).
di.negftg_avg	DI - Average Daily Affect: negative affect score + fatigue subscale		di.negftg_avg = mean(di1.negftg to di14.negftg).
hpagg	***HEALTH PRACTICE TOTALS & AVERAGES ACROSS INTERVIEWS***		
di.smkdays	DI: Total days smoked		di.smkdays = mean(di1.smk to di14.smk)*14.
di.smkn_avg	DI: Avg # cigarettes smoked per day - all interview days		di.smkn_avg = mean(di1.smkn to di14.smkn).
di.smkn_avg2	DI: Avg # cigarettes smoked per day - smoking days only		di.smkn_avg2 = (sum(di1.smkn to di14.smkn))/di.smkdays.
di.alcdays	DI: Total days consumed alcohol		di.alcdays = mean(di1.alc to di14.alc)*14.
di.alcn_avg	DI: Avg # drinks consumed per day - all interview days		di.alcn_avg = mean(di1.alcn to di14.alcn).
di.alcn_avg2	DI: Avg # drinks consumed per day - drinking days only		di.alcn_avg2 = (sum(di1.alcn to di14.alcn))/di.alcdays.
di.exrdays	DI: Total days exercised		di.exrdays = mean(di1.exr to di14.exr)*14.
di.exrn_avg	DI: Avg time (min) spent exercising - all interview days		di.exrn_avg = mean(di1.exrn to di14.exrn).
di.exrn_avg2	DI: Avg time (min) spent exercising - exercise days only		di.exrn_avg2 = (sum(di1.exrn to di14.exrn))/di.exrdays.
di.bedmin_avg	DI: Avg time in bed (min) - all interview days		di.bedmin_avg = mean(di1.bedmin to di14.bedmin).
di.slplost_avg	DI: Avg sleep lost (minutes) - all interview days		di.slplost_avg = mean(di1.slplost to di14.slplost).
di.awake_avg	DI: Avg time in bed intentionally awake (min) - all interview days		di.awake_avg = mean(di1.awake to di14.awake).
di.slpmin_avg	DI: Avg sleep duration (minutes) - all interview days		di.slpmin_avg = mean(di1.slpmin to di14.slpmin).
di.slphr_avg	DI: Avg sleep duration (hours) - all interview days		di.slphr_avg = mean(di1.slphr to di14.slphr).
di.slpeff_avg	DI: Avg sleep efficiency (0.00-1.00) - all interview days		di.slpeff_avg = mean(di1.slpeff to di14.slpeff).
di.restdays	DI: Total mornings feeling rested		di.restdays = mean(di1.rested to di14.rested)*14.

AGGREGATED DAILY INTERVIEW DATA

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
actagg	****DAILY ACTIVITY TOTALS & AVERAGES ACROSS INTERVIEWS****		
di.workdays	DI: Total days with time spent doing paid work		di.workdays = mean(di1.workday to di14.workday)*14.
di.workhrs_avg	DI: Avg hours spent working - all interview days		di.workhrs_avg = mean(di1.workhrs to di14.workhrs).
di.workhrs_avg2	DI: Avg hours spent working - paid work days only		di.workhrs_avg2 = sum(di1.workhrs to di14.workhrs)/di.workdays.
di.homedays	DI: Total days with time spent at home		di.homedays = mean(di1.homeday to di14.homeday)*14.
di.homehrs_avg	DI: Avg hours spent at home - all interview days		di.homehrs_avg = mean(di1.homehrs to di14.homehrs).
di.homehrs_avg2	DI: Avg hours spent at home - home days only		di.homehrs_avg2 = sum(di1.homehrs to di14.homehrs)/di.homedays.
An important distinction between the daily interview data that were collected in PMBC and those collected in PCS3 is that *PMBC participants were asked to report exclusively on activities in which they engaged with other persons*. By comparison, PCS3 participants were asked to report *all* activities (social or solitary). To establish equivalency across the two studies, the activity variables presented here are comprised of social activities only.			
di.actcat_avg	DI: Avg # activity categories per day		di.totact_avg = mean(di1.totact to di14.totact).
di.mealn_avg	DI: Avg # meals/drinks/snacks per day		di.actcat_avg = mean(di1.actcat to di14.actcat).
di.leishomen_avg	DI: Avg # leisure activities at home per day		di.mealn_avg = mean(di1.mealn to di14.mealn).
di.leisoutn_avg	DI: Avg # leisure activities outside home per day		di.leishomen_avg = mean(di1.leishomen to di14.leishomen).
di.hsewrkn_avg	DI: Avg # housework activities per day		di.leisoutn_avg = mean(di1.leisoutn to di14.leisoutn).
di.errandsn_avg	DI: Avg # personal/family errands per day		di.hsewrkn_avg = mean(di1.hsewrkn to di14.hsewrkn).
di.othact1n_avg	DI: Avg # other activity (1) per day		di.errands_avg = mean(di1.errands to di14.errands).
di.othact2n_avg	DI: Avg # other activity (2) per day		di.othact1n_avg = mean(di1.othact1n to di14.othact1n).
socagg	***SOCIAL ACTIVITY TOTALS & AVERAGES ACROSS INTERVIEWS***		
di.socdays	DI: Total days with social activity		**PCS2:** di.socdays = sum(di1s.socint to di6s.socint). **PMBC & PCS3:** di.socdays = sum(di1s.socint to di14s.socint).
di.pctsoc	DI: % interview days with social interaction (range: 0.00 to 1.00)		di.pctsoc = di.socdays/di.totcomplete.
di.totsoc_avg	DI: Avg # social activities per day (social days only)		**PCS2:** di.totsoc_avg = mean(di1s.totsoc to di6s.totsoc). **PMBC & PCS3:** di.totsoc_avg = mean(di1s.totsoc to di14s.totsoc).
di.totpart_avg	DI: Avg # social activity partners per day (social days only)		**PCS2:** di.totpart_avg = mean(di1s.totpart to di6s.totpart). **PMBC & PCS3:** di.totpart_avg = mean(di1s.totpart to di14s.totpart).
di.doms_avg	DI: Avg # domains interacted with per day (social days only)		**PCS2:** di.doms_avg = mean(di1s.domains to di6s.domains). **PMBC & PCS3:** di.doms_avg=mean(di1s.domains to di14s.domains).
di.uniq_avg	DI: Avg # unique activity partners per day - social interxn days only		**PCS2:** di.uniq_avg = mean(di1s.unique to di14s.unique). **PMBC & PCS3:** di.uniq_avg = mean(di1s.unique to di14s.unique).

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.romdays	DI: Total days spent romantic time with spouse or any other person		di.romdays = mean(di1s.rom to di14s.rom)*14.
di.romspdays	DI: Total days romantic time with spouse		di.romspdays = mean(di1s.romsp to di14s.romsp)*14.
di.romnsdays	DI: Total days romantic time with another person (NOT spouse)		di.romnsdays = mean(di1s.romns to di14s.romns)*14.
di.tendays	DI: Total days of tension with spouse or any other person		**PCS2:** di.tendays = mean(di1s.tensp to di6s.tensp)*6. **PMBC & PCS3:** di.tendays=mean(di1s.tensp to di14s.tensp)*14.
di.pctten	DI: % days of tension w/spouse or any other person (range: 0.00-1.00)		di.pctten = di.tendays/di.totcomplete.
di.tenspdays	DI: Total days of tension with spouse		**PCS2:** di.tenspdays = mean(di1s.tensp to di14s.tensp)*6. **PMBC & PCS3:** di.tenspdays = mean(di1s.tensp to di14s.tensp)*14.
di.pcttensp	DI: % days of tension with spouse (range: 0.00 to 1.00)		di.pctten = di.tendays/di.totcomplete.
di.tennsdays	DI: Total days of tension with another person (NOT spouse)		di.tennsdays = mean(di1s.tenns to di14s.tenns)*14.
di.pcttenns	DI: % days of tension w/another person (NOT spouse; range: 0.00 to 1.00)		di.pcttenns = di.tennsdays/di.totcomplete.
di.hugdays	DI: Total days with hug		di.hugdays = sum(di1.hug to di14.hug).
Receipt and provision of social support were assessed in PCS2 and PMBC. In PCS2, participants were asked whether they gave or received support whereas in PMBC, participants were asked to rate the supportiveness of the other person if they shared something with that person and their own supportiveness if another person shared something with them. To create equivalent items, participants in PMBC were determined to have been engaged in a "support" interaction if the total support rating for the interaction was greater than or equal to 12 (possible range for supportiveness ratings = 0 to 16).			
di.pctsup1sp	DI: % days participant received support from spouse (range: 0.00-1.00)		di.pctsup1sp = sum(di1.sup1sp to di14.sup1sp)/di.totcomplete
di.pctsup2sp	DI: % days participant gave support to spouse (range: 0.00-1.00)		di.pctsup2sp = sum(di1.sup2sp to di14.sup2sp)/di.totcomplete
di.pctsup1ns	DI: % days received support from another person (NOT spouse; range: 0.00-1.00)		di.pctsup1ns = sum(di1.sup1ns to di14.sup1ns)/di.totcomplete
di.pctsup2ns	DI: % days gave support to another person (NOT spouse; range: .00-1.00)		di.pctsup2ns = sum(di1.sup2ns to di14.sup2ns)/di.totcomplete
di.pctsup1	DI: % days received support from spouse or other person (range: .00-1.00)		di.pctsup1 = sum(di1.sup1 to di14.sup1)/di.totcomplete
di.pctsup2	DI: % days gave support to spouse or other person (range: 0.00-1.00)		di.pctsup2 = sum(di1.sup2 to di14.sup2)/di.totcomplete
sympagg	*****SYMPTOM TOTALS & AVERAGES ACROSS INTERVIEWS*****		
Formulae presented for average symptom severity and total days reporting each symptom apply to PMBC & PCS3. Formulae for PCS2 are identical save for being calculated across 6 rather than 14 days.			
di.nascon_avg	DI: Avg. congestion severity		di.nascon_avg = mean(di1.nascon to di14.nascon).
di.sneez_avg	DI: Avg. sneeze severity		di.sneez_avg = mean(di1.sneez to di14.sneez).
di.runno_avg	DI: Avg. runny nose severity		di.runno_avg = mean(di1.runno to di14.runno).
di.srthr_avg	DI: Avg. sore throat severity		di.srthr_avg = mean(di1.srthr to di14.srthr).
di.cough_avg	DI: Avg. cough severity		di.cough_avg = mean(di1.cough to di14.cough).

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AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.hdach_avg	DI: Avg. headache severity		di.hdach_avg = mean(di1.hdach to di14.hdach).
di.chill_avg	DI: Avg. chills severity		di.chill_avg = mean(di1.chill to di14.chill).
di.malais_avg	DI: Avg. malaise severity		di.malais_avg = mean(di1.malais to di14.malais).
di.nascondays	DI: Total days reporting congestion		count di.nascondays = di1.nascon to di14.nascon (1 thru highest)
di.sneezdays	DI: Total days reporting sneeze		count di.sneezdays = di1.sneez to di14.sneez (1 thru highest).
di.runnodays	DI: Total days reporting runny nose		count di.runnodays = di1.runno to di14.runno (1 thru highest).
di.srthrdays	DI: Total days reporting sore throat		count di.srthrdays = di1.srthr to di14.srthr (1 thru highest).
di.coughdays	DI: Total days reporting cough		count di.coughdays = di1.cough to di14.cough (1 thru highest).
di.hdachdays	DI: Total days reporting headache		count di.hdachdays = di1.hdach to di14.hdach (1 thru highest).
di.chilldays	DI: Total days reporting chills		count di.chilldays = di1.chill to di14.chill (1 thru highest).
di.malaisdays	DI: Total days reporting malaise		count di.malaisdays = di1.malais to di14.malais (1 thru highest).
di.colddays	DI: Total days reporting cold or flu		count di.colddays = di1.cold to di14.cold (1 thru highest).
di.allergydays	DI: Total days reporting problem with allergies		count di.allergydays = di1.allergy to di14.allergy (1 thru highest).
di.pctnascon	DI: % days reporting congestion (range: 0.00-1.00)		di.pctnascon = di.nascondays/di.totcomplete.
di.pctsneez	DI: % days reporting sneeze (range: 0.00-1.00)		di.pctsneez = di.sneezdays/di.totcomplete.
di.pctrunno	DI: % days reporting runny nose (range: 0.00-1.00)		di.pctrunno = di.runnodays/di.totcomplete.
di.pctsrthr	DI: % days reporting sore throat (range: 0.00-1.00)		di.pctsrthr = di.srthrdays/di.totcomplete.
di.pctcough	DI: % days reporting cough (range: 0.00-1.00)		di.pctcough = di.coughdays/di.totcomplete.
di.pcthdach	DI: % days reporting headache (range: 0.00-1.00)		di.pcthdach = di.hdachdays/di.totcomplete.
di.pctchill	DI: % days reporting chills (range: 0.00-1.00)		di.pctchill = di.chilldays/di.totcomplete.
di.pctmalais	DI: % days reporting malaise (range: 0.00-1.00)		di.pctmalais = di.malaisdays/di.totcomplete.
di.pctcold	DI: % days reporting cold or flu (range: 0.00-1.00)		di.pctcold = di.colddays/di.totcomplete.
di.pctallergy	DI: % days reporting problem with allergies (range: 0.00-1.00)		di.pctallergy = di.allergydays/di.totcomplete.

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.

Participants in PCS2 provided 11 saliva samples on pre-challenge days 1 and 2, whereas PMBC and PCS3 participants provided 7 samples. To establish equivalency across studies, only data related to the 7 samples that were collected in PCS2 at times approximating those for sample collections in PMBC and PCS3 are included in the aggregated data set. Importantly, the PCS2 variables included in the aggregated data set were re-named to be consistent with variables from the other 2 studies. For example, sample 10 (14 hours post-waking) in the stand-alone PCS2 data set has been renamed to sample 7 in the aggregate data set. Also, AUC values for PCS2 were computed using only the data from the seven samples corresponding to PMBC and PCS3 samples. *Thus, the AUC values included in the aggregate data set are not the same as those included in the stand alone PCS2 data set.*

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

compute slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(pre1diff45)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(pre1diff56)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(pre1diff67)/2).

if (missing(slva.pre1cort7) or missing(pre1time7)) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(pre1diff45)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(pre1diff56)/2).

if (missing(slva.pre1cort6) or missing(pre1time6)) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                        ((slva.pre1cort4+slva.pre1cort5)*(pre1diff45)/2) +
                        ((slva.pre1cort5+slva.pre1cort7)*(pre1diff57)/2).

if (missing(slva.pre1cort5) or missing(pre1time5)) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                         ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                         ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                         ((slva.pre1cort4+slva.pre1cort6)*(pre1diff46)/2) +
                         ((slva.pre1cort6+slva.pre1cort7)*(pre1diff67)/2).

if (missing(slva.pre1cort4) or missing(pre1time4)) slva.pre1cort_auc = ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort5)*(pre1diff35)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(pre1diff56)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(pre1diff67)/2).

if ((missing(slva.pre1cort6) or missing(pre1time6)) and (missing(slva.pre1cort7) or missing(pre1time7)) slva.pre1cort_auc =
                         ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                         ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                         ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                         ((slva.pre1cort4+slva.pre1cort5)*(pre1diff45)/2).
```

```
if ((missing(slva.pre1cort5) or missing(pre1time5)) and (missing(slva.pre1cort6) or missing(pre1time6)) slva.pre1cort_auc =
                        ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                        ((slva.pre1cort4+slva.pre1cort7)*(pre1diff47)/2).

if ((missing(slva.pre1cort4) or missing(pre1time4)) and (missing(slva.pre1cort5) or missing(pre1time5)) slva.pre1cort_auc =
                        ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort6)*(pre1diff36)/2) +
                        ((slva.pre1cort6+slva.pre1cort7)*(pre1diff67)/2).

if ((missing(slva.pre1cort5) or missing(pre1time5)) and (missing(slva.pre1cort7) or missing(pre1time7)) slva.pre1cort_auc =
                         ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort4)*(pre1diff34)/2) +
                        ((slva.pre1cort4+slva.pre1cort6)*(pre1diff46)/2).

if ((missing(slva.pre1cort4) or missing(pre1time4)) and (missing(slva.pre1cort6) or missing(pre1time6)) slva.pre1cort_auc =
                         ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort5)*(pre1diff35)/2) +
                        ((slva.pre1cort5+slva.pre1cort7)*(pre1diff57)/2).


if ((missing(slva.pre1cort4) or missing(pre1time4)) and (missing(slva.pre1cort7) or missing(pre1time7)) slva.pre1cort_auc =
                         ((slva.pre1cort1+slva.pre1cort2)*(pre1diff12)/2) +
                        ((slva.pre1cort2+slva.pre1cort3)*(pre1diff23)/2) +
                        ((slva.pre1cort3+slva.pre1cort5)*(pre1diff35)/2) +
                        ((slva.pre1cort5+slva.pre1cort6)*(pre1diff56)/2).
execute.
```

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QUARANTINE DAY 0 SALIVARY CORTISOL AUC CALCULATIONS

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

Participants in PCS2 provided 14 saliva samples on quarantine day 0, whereas PMBC and PCS3 participants provided 8 samples. To establish equivalency across studies, only data related to the 8 samples that were collected in PCS2 at times approximating those for sample collections in PMBC and PCS3 are included in the aggregated data set. Importantly, the PCS2 variables included in the aggregated data set were re-named to be consistent with variables from the other 2 studies. For example, sample 14 (14 hours post-waking) in the stand-alone PCS2 data set has been renamed to sample 8 in the aggregate data set. Also, AUC values for PCS2 were computed using only the data from the seven samples corresponding to PMBC and PCS3 samples. *Thus, the AUC values included in the aggregate data set are not the same as those included in the stand alone PCS2 data set.*

```
* 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 2, 3, OR 4
*...MORE THAN 2 OF THE LAST 4 SAMPLES.

compute slva.q0cort_auc = ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                          ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                          ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                          ((slva.q0cort5+slva.q0cort6)*(q0diff56)/2) +
                          ((slva.q0cort6+slva.q0cort7)*(q0diff67)/2) +
                          ((slva.q0cort7+slva.q0cort8)*(q0diff78)/2).

if (missing(slva.q0cort5) or missing(q01time5)) slva.q0cort_auc = ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                          ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                          ((slva.q0cort4+slva.q0cort6)*(q0diff46)/2) +
                          ((slva.q0cort6+slva.q0cort7)*(q0diff67)/2) +
                          ((slva.q0cort7+slva.q0cort8)*(q0diff78)/2).

if (missing(slva.q0cort6) or missing(q0time6)) slva.q0cort_auc = ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                          ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                          ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                          ((slva.q0cort5+slva.q0cort7)*(q0diff57)/2) +
                          ((slva.q0cort7+slva.q0cort8)*(q0diff78)/2).

if (missing(slva.q0cort7) or missing(q0time7)) slva.q0cort_auc = ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                          ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                          ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                          ((slva.q0cort5+slva.q0cort6)*(q0diff56)/2) +
                          ((slva.q0cort6+slva.q0cort8)*(q0diff68)/2).

if (missing(slva.q0cort8) or missing(q0time8)) slva.q0cort_auc = ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                          ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                          ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                          ((slva.q0cort5+slva.q0cort6)*(q0diff56)/2) +
                          ((slva.q0cort6+slva.q0cort7)*(q0diff67)/2).

if (missing(slva.q0cort5) or missing(q0time5)) and (missing(slva.q0cort6) or missing(q0time6))  slva.q0cort_auc =
                         ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                          ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                          ((slva.q0cort4+slva.q0cort7)*(q0diff47)/2) +
                          ((slva.q0cort7+slva.q0cort8)*(q0diff78)/2).
```

```
if (missing(slva.q0cort6) or missing(q0time6)) and (missing(slva.q0cort7) or missing(q0time7)) slva.q0cort_auc =
                    ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                    ((slva.q0cort5+slva.q0cort8)*(q0diff58)/2).

if (missing(slva.q0cort7) or missing(q0time7)) and (missing(slva.q0cort8) or missing(q0time8)) slva.q0cort_auc =
                    ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                    ((slva.q0cort5+slva.q0cort6)*(q0diff56)/2).

if (missing(slva.q0cort5) or missing(q0time5)) and (missing(slva.q0cort7) or missing(q0time7)) slva.q0cort_auc =
                    ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                    ((slva.q0cort4+slva.q0cort6)*(q0diff46)/2) +
                    ((slva.q0cort6+slva.q0cort8)*(q0diff68)/2).

if (missing(slva.q0cort5) or missing(q0time5)) and (missing(slva.q0cort8) or missing(q0time8)) slva.q0cort_auc =
                    ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                    ((slva.q0cort4+slva.q0cort6)*(q0diff46)/2) +
                    ((slva.q0cort6+slva.q0cort7)*(q0diff67)/2).

if (missing(slva.q0cort6) or missing(q0time6)) and (missing(slva.q0cort8) or missing(q0time8)) slva.q0cort_auc =
                    ((slva.q0cort2+slva.q0cort3)*(q0diff23)/2) +
                    ((slva.q0cort3+slva.q0cort4)*(q0diff34)/2) +
                    ((slva.q0cort4+slva.q0cort5)*(q0diff45)/2) +
                    ((slva.q0cort5+slva.q0cort7)*(q0diff57)/2).
execute.
```