Pittsburgh Mind-Body Center Cold Study
2000-2004

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Code Book

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Introduction

The Pittsburgh Mind-Body Center (PMBC) Study was a prospective viral challenge study conducted from 2000-2004 among healthy volunteers ages 21-55 (mean age 37.3; SD 8.8). This study included detailed daily interviews with participants over 14 consecutive days to assess social interactions (number of interactions, with whom they were interacting, etc.), mood, and health behaviors. PMBC also included in-depth measurement of various aspects of marital relationships, including relationship satisfaction, spousal social support, marital commitment, and spousal self-disclosure. In addition (as part of the broader Mind-Body Center Project) numerous other psychological and behavioral variables were assessed including personal attributes, social factors, socioeconomic status, and health practices. Biological assessments before viral challenge included epinephrine, norepinephrine, cortisol, and stimulated cytokine production. Post-challenge measures, in addition to standard virology, included local (nasal secretions) cytokines (interleukin [IL]-1β, IL-6, IL-8, IL-10, IFN-α, and TNF-α).

Participants were 95 men and 98 women who responded to advertisements and were judged to be in good health. Of these, the first 38 to be enrolled in the study were exposed to influenza A/Texas/36/91; all subsequent participants (n = 155) were exposed to rhinovirus (RV) 39. To maximize the rate of infection, only volunteers with viral-specific antibody titers ≤4 were deemed eligible for participation in the study. Prior to enrollment, volunteers completed a telephone screening, and screened participants were followed up with an in-person health evaluation by a study physician to further assess eligibility. After completing baseline psychosocial and biological assessments, participants were administered nasal drops containing the challenge virus, followed in quarantine for either 5 (for RV39) or 6 (for influenza) days, and monitored for development of infection and objective signs of illness (see viral challenge timeline below). Approximately 28 days after virus exposure, blood was collected for serological testing. Participants were considered to have a cold if they both were infected with the challenge virus and met illness criteria. All individuals who completed the study received $800 for their participation.

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How to Use this Document

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

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

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

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

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

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

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

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.

It is important to note that the formulas appearing in the tables may not reflect the **exact** SPSS syntax that was used to generate the variables. Some shorthand is used for efficiency of presentation.

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INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
subj_id	subject ID		
study.id	Cold Study ID	STUDYID	
INFCOLD	****ASSESSMENT OF INFECTION & COLDS ****		
pmbc.virus	Rhinovirus or not	VIRUS3	
screen_ab	screening viral-specific Ab titer	AB1	
pre_ab	pre-challenge viral-specific Ab titer	AB2	
post_ab	post-challenge viral-specific Ab titer	AB2	
seroconv	Seroconversion based on pre_ab -> post_ab	SERO	if post_ab ≥4*(pre_ab) seroconv=1; if post_ab <4*(pre_ab) seroconv=0.
q0.nastitr	Pre-challenge (Day 0) virus titer (log10 EID50/ml)		
q1.nastitr	Post-challenge Day 1 virus titer (log10 EID50/ml)		
q2.nastitr	Post-challenge Day 2 virus titer (log10 EID50/ml)		
q3.nastitr	Post-challenge Day 3 virus titer (log10 EID50/ml)		
q4.nastitr	Post-challenge Day 4 virus titer (log10 EID50/ml)		
q5.nastitr	Post-challenge Day 5 virus titer (log10 EID50/ml)		
q6.nastitr	Post-challenge Day 6 virus titer (log10 EID50/ml)		
q0.nasclr	Pre-challenge (Day 0) nasal clearance time (min)		
q1.nasclr	Post-challenge Day 1 nasal clearance time (min)		
q2.nasclr	Post-challenge Day 2 nasal clearance time (min)		
q3.nasclr	Post-challenge Day 3 nasal clearance time (min)		
q4.nasclr	Post-challenge Day 4 nasal clearance time (min)		
q5.nasclr	Post-challenge Day 5 nasal clearance time (min)		
q6.nasclr	Post-challenge Day 6 nasal clearance time (min)		
q0.mucwt	Pre-challenge (Day 0) mucus weight (g)		
q1.mucwt	Post-challenge Day 1 mucus weight (g)		
q2.mucwt	Post-challenge Day 2 mucus weight (g)		
q3.mucwt	Post-challenge Day 3 mucus weight (g)		
q4.mucwt	Post-challenge Day 4 mucus weight (g)		
q5.mucwt	Post-challenge Day 5 mucus weight (g)		
q6.mucwt	Post-challenge Day 6 mucus weight (g)		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q1.mucwt_adj	Post Day 1 mucus weight (g) - adjusted		q1.mcwt_adj = q1.mcwt - q0.mcwt (repeated for all post-challenge days) NOTE: if q1.mcwt - q0.mcwt lt 0, q1.mcwt_adj = 0.
q2.mucwt_adj	Post Day 2 mucus weight (g) - adjusted		
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)		RV39: post.mucwt_adj = sum(q1.mcwt_adj to q5mcwt_adj)
			flu: post.mucwt_adj = mean(q1.mcwt_adj to q6mcwt_adj)*5
q1.nasclr_adj	Post Day 1 nasal clearance (min) - adjusted		q1.nasclr_adj = q1.nasclr - q0.nasclr (repeated for all post-challenge days) NOTE: if q1.nasclr - q0.nasclr lt 0, q1.nasclr_adj = 0.
q2.nasclr_adj	Post Day 2 nasal clearance (min) - adjusted		
q3.nasclr_adj	Post Day 3 nasal clearance (min) - adjusted		
q4.nasclr_adj	Post Day 4 nasal clearance (min) - adjusted		
q5.nasclr_adj	Post Day 5 nasal clearance (min) - adjusted		
q6.nasclr_adj	Post Day 6 nasal clearance (min) - adjusted		
post.nasclr_avg	Average Adjusted Post Nasal Clearance Time (min)		RV39: post.mucwt_adj = avg(q1.nasclr_adj to q5nasclr_adj)
			flu: post.mucwt_adj = avg(q1.nasclr_adj to q6nasclr_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.
q0.shed	Pre-challenge (Day 0) virus shedding	YES/NO	
q1.shed	Post-challenge Day 1 virus shedding		
q2.shed	Post-challenge Day 2 virus shedding		
q3.shed	Post-challenge Day 3 virus shedding		
q4.shed	Post-challenge Day 4 virus shedding		
q5.shed	Post-challenge Day 5 virus shedding		
q6.shed	Post-challenge Day 6 virus shedding		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
post.sheddays	Total post-challenge days shed virus		RV39: sum.5(q1.shed to q5.shed)
			flu: mean.6(q1.shed to q6.shed)*5
post.shedany	Any post-challenge virus shedding?	YES/NO	if (post.sheddays ge 1) post.shedany = 1; if (post.sheddays lt 1) post.shedany = 0.
symp	*****SELF-REPORTED COLD SYMPTOMS*****		
q_1.nascon	Pre-challenge (Day -1) nasal congestion	SYMPSEV	
q0.nascon	Pre-challenge (Day 0) nasal congestion		
q1.nascon	Post-challenge Day 1 nasal congestion		
q2.nascon	Post-challenge Day 2 nasal congestion		
q3.nascon	Post-challenge Day 3 nasal congestion		
q4.nascon	Post-challenge Day 4 nasal congestion		
q5.nascon	Post-challenge Day 5 nasal congestion		
q6.nascon	Post-challenge Day 6 nasal congestion		
q_1.sneez	Pre-challenge (Day -1) sneezing	SYMPSEV	
q0.sneez	Pre-challenge (Day 0) sneezing		
q1.sneez	Post-challenge Day 1 sneezing		
q2.sneez	Post-challenge Day 2 sneezing		
q3.sneez	Post-challenge Day 3 sneezing		
q4.sneez	Post-challenge Day 4 sneezing		
q5.sneez	Post-challenge Day 5 sneezing		
q6.sneez	Post-challenge Day 6 sneezing		
q_1.runno	Pre-challenge (Day -1) runny nose	SYMPSEV	
q0.runno	Pre-challenge (Day 0) runny nose		
q1.runno	Post-challenge Day 1 runny nose		
q2.runno	Post-challenge Day 2 runny nose		
q3.runno	Post-challenge Day 3 runny nose		
q4.runno	Post-challenge Day 4 runny nose		
q5.runno	Post-challenge Day 5 runny nose		
q6.runno	Post-challenge Day 6 runny nose		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q_1.srthr	Pre-challenge (Day -1) sore throat	SYMPSEV	
q0.srthr	Pre-challenge (Day 0) sore throat		
q1.srthr	Post-challenge Day 1 sore throat		
q2.srthr	Post-challenge Day 2 sore throat		
q3.srthr	Post-challenge Day 3 sore throat		
q4.srthr	Post-challenge Day 4 sore throat		
q5.srthr	Post-challenge Day 5 sore throat		
q6.srthr	Post-challenge Day 6 sore throat		
q_1.cough	Pre-challenge (Day -1) cough	SYMPSEV	
q0.cough	Pre-challenge (Day 0) cough		
q1.cough	Post-challenge Day 1 cough		
q2.cough	Post-challenge Day 2 cough		
q3.cough	Post-challenge Day 3 cough		
q4.cough	Post-challenge Day 4 cough		
q5.cough	Post-challenge Day 5 cough		
q6.cough	Post-challenge Day 6 cough		
q_1.hdach	Pre-challenge (Day -1) headache	SYMPSEV	
q0.hdach	Pre-challenge (Day 0) headache		
q1.hdach	Post-challenge Day 1 headache		
q2.hdach	Post-challenge Day 2 headache		
q3.hdach	Post-challenge Day 3 headache		
q4.hdach	Post-challenge Day 4 headache		
q5.hdach	Post-challenge Day 5 headache		
q6.hdach	Post-challenge Day 6 headache		
q_1.chill	Pre-challenge (Day -1) chills		
q0.chill	Pre-challenge (Day 0) chills		
q1.chill	Post-challenge Day 1 chills		
q2.chill	Post-challenge Day 2 chills		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q3.chill	Post-challenge Day 3 chills		
q4.chill	Post-challenge Day 4 chills		
q5.chill	Post-challenge Day 5 chills		
q6.chill	Post-challenge Day 6 chills		
q_1.malais	Pre-challenge (Day -1) malaise	SYMPSEV	
q0.malais	Pre-challenge (Day 0) malaise		
q1.malais	Post-challenge Day 1 malaise		
q2.malais	Post-challenge Day 2 malaise		
q3.malais	Post-challenge Day 3 malaise		
q4.malais	Post-challenge Day 4 malaise		
q5.malais	Post-challenge Day 5 malaise		
q6.malais	Post-challenge Day 6 malaise		
q_1.cold	Pre-challenge (Day -1) Do you have a cold or flu?	YES/NO	
q0.cold	Pre-challenge (Day 0) Do you have a cold or flu?		
q1.cold	Post-challenge Day 1 Do you have a cold or flu?		
q2.cold	Post-challenge Day 2 Do you have a cold or flu?		
q3.cold	Post-challenge Day 3 Do you have a cold or flu?		
q4.cold	Post-challenge Day 4 Do you have a cold or flu?		
q5.cold	Post-challenge Day 5 Do you have a cold or flu?		
q6.cold	Post-challenge Day 6 Do you have a cold or flu?		
flusymptoms	***FLU-RELATED SYMPTOMS***		
q_1.msclach	Pre-challenge (Day -1) muscle ache	SYMPSEV	
q0.msclach	Pre-challenge (Day 0) muscle ache		
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		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q_1.jntach	Pre-challenge (Day -1) joint ache	SYMPSEV	
q0.jntach	Pre-challenge (Day 0) joint ache		
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		
q_1.sweat	Pre-challenge (Day -1) sweating	SYMPSEV	
q0.sweat	Pre-challenge (Day 0) sweating		
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		
q_1.fever	Pre-challenge (Day -1) fever	SYMPSEV	
q0.fever	Pre-challenge (Day 0) fever		
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***		
q_1.chstcon	Pre-challenge (Day -1) chest congestion	SYMPSEV	
q0.chstcon	Pre-challenge (Day 0) chest congestion		
q1.chstcon	Post-challenge Day 1 chest congestion		
q2.chstcon	Post-challenge Day 2 chest congestion		
q3.chstcon	Post-challenge Day 3 chest congestion		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q4.chstcon	Post-challenge Day 4 chest congestion		
q5.chstcon	Post-challenge Day 5 chest congestion		
q6.chstcon	Post-challenge Day 6 chest congestion		
q_1.earach	Pre-challenge (Day -1) earache	SYMPSEV	
q0.earach	Pre-challenge (Day 0) earache		
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		
q_1.sinpn	Pre-challenge (Day -1) sinus pain	SYMPSEV	
q0.sinpn	Pre-challenge (Day 0) sinus pain		
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 SYMPTOMS***		
q_1.poorap	Pre-challenge (Day -1) poor appetite	SYMPSEV	
q0.poorap	Pre-challenge (Day 0) poor appetite		
q1.poorap	Post-challenge Day 1 poor appetite		
q2.poorap	Post-challenge Day 2 poor appetite		
q3.poorap	Post-challenge Day 3 poor appetite		
q4.poorap	Post-challenge Day 4 poor appetite		
q5.poorap	Post-challenge Day 5 poor appetite		
q6.poorap	Post-challenge Day 6 poor appetite		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
endrawdata	****END OF RAW DATA****		
q0.jacksn_scr	Pre-challenge (Day 0) Jackson Symptom 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-challenge Day 1 Jackson Symptom Score		
q2.jacksn_scr	Post-challenge Day 2 Jackson Symptom Score		
q3.jacksn_scr	Post-challenge Day 3 Jackson Symptom Score		
q4.jacksn_scr	Post-challenge Day 4 Jackson Symptom Score		
q5.jacksn_scr	Post-challenge Day 5 Jackson Symptom Score		
q6.jacksn_scr	Post-challenge Day 6 Jackson Symptom Score		
q1.runno_adj	Post-challenge 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-challenge Day 2 runny nose - adjusted		
q3.runno_adj	Post-challenge Day 3 runny nose - adjusted		
q4.runno_adj	Post-challenge Day 4 runny nose - adjusted		
q5.runno_adj	Post-challenge Day 5 runny nose - adjusted		
q6.runno_adj	Post-challenge Day 6 runny nose - adjusted		
q1.sneez_adj	Post-challenge 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-challenge Day 2 sneezing - adjusted		
q3.sneez_adj	Post-challenge Day 3 sneezing - adjusted		
q4.sneez_adj	Post-challenge Day 4 sneezing - adjusted		
q5.sneez_adj	Post-challenge Day 5 sneezing - adjusted		
q6.sneez_adj	Post-challenge Day 6 sneezing - adjusted		
q1.srthr_adj	Post-challenge 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-challenge Day 2 sore throat - adjusted		
q3.srthr_adj	Post-challenge Day 3 sore throat - adjusted		
q4.srthr_adj	Post-challenge Day 4 sore throat - adjusted		
q5.srthr_adj	Post-challenge Day 5 sore throat - adjusted		
q6.srthr_adj	Post-challenge Day 6 sore throat - adjusted		

INFECTION AND COLDS

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
q1.nascon_adj	Post-challenge 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-challenge Day 2 nasal congestion - adjusted		
q3.nascon_adj	Post-challenge Day 3 nasal congestion - adjusted		
q4.nascon_adj	Post-challenge Day 4 nasal congestion - adjusted		
q5.nascon_adj	Post-challenge Day 5 nasal congestion - adjusted		
q6.nascon_adj	Post-challenge Day 6 nasal congestion - adjusted		
q1.cough_adj	Post-challenge 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-challenge Day 2 cough - adjusted		
q3.cough_adj	Post-challenge Day 3 cough - adjusted		
q4.cough_adj	Post-challenge Day 4 cough - adjusted		
q5.cough_adj	Post-challenge Day 5 cough - adjusted		
q6.cough_adj	Post-challenge Day 6 cough - adjusted		
q1.hdach_adj	Post-challenge 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-challenge Day 2 headache - adjusted		
q3.hdach_adj	Post-challenge Day 3 headache - adjusted		
q4.hdach_adj	Post-challenge Day 4 headache - adjusted		
q5.hdach_adj	Post-challenge Day 5 headache - adjusted		
q6.hdach_adj	Post-challenge Day 6 headache - adjusted		
q1.chill_adj	Post-challenge 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-challenge Day 2 chills - adjusted		
q3.chill_adj	Post-challenge Day 3 chills - adjusted		
q4.chill_adj	Post-challenge Day 4 chills - adjusted		
q5.chill_adj	Post-challenge Day 5 chills - adjusted		
q6.chill_adj	Post-challenge Day 6 chills - adjusted		

INFECTION AND COLDS

VAR NAME	VARIABLE LABELS	VALUES	FORMULA
q1.malais_adj	Post-challenge 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-challenge Day 2 malaise - adjusted		
q3.malais_adj	Post-challenge Day 3 malaise - adjusted		
q4.malais_adj	Post-challenge Day 4 malaise - adjusted		
q5.malais_adj	Post-challenge Day 5 malaise - adjusted		
q6.malais_adj	Post-challenge Day 6 malaise - adjusted		
q1.jacksn_scr_adj	Post Day 1 Adjusted Jackson Symptom Score		q1.jacksn_scr_adj = q1.jacksn_scr-q0.jacksn_scr (repeated for all post-challenge days) NOTE: if q1.jacksn_scr_adj lt 0, q1.jacksn_scr_adj = 0.
q2.jacksn_scr_adj	Post Day 2 Adjusted Jackson Symptom Score		
q3.jacksn_scr_adj	Post Day 3 Adjusted Jackson Symptom Score		
q4.jacksn_scr_adj	Post Day 4 Adjusted Jackson Symptom Score		
q5.jacksn_scr_adj	Post Day 5 Adjusted Jackson Symptom Score		
q6.jacksn_scr_adj	Post Day 6 Adjusted Jackson Symptom Score		
q0.totsymp	Pre- (Day 0) Total # Jackson Symptoms		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-challenge Day 1 Total # Jackson Symptoms		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-challenge Day 2 Total # Jackson Symptoms		
q3.totsymp_adj	Post-challenge Day 3 Total # Jackson Symptoms		
q4.totsymp_adj	Post-challenge Day 4 Total # Jackson Symptoms		
q5.totsymp_adj	Post-challenge Day 5 Total # Jackson Symptoms		
q6.totsymp_adj	Post-challenge Day 6 Total # Jackson Symptoms		
q1.msclach_adj	Post-challenge Day 1 muscle ache - adjusted		q1.msclach_adj = q1.msclach-q0.msclach (repeated for all post-challenge days) NOTE: if q1.msclach - q0.msclach lt 0, q1.msclach_adj = 0.
q2.msclach_adj	Post-challenge Day 2 muscle ache - adjusted		
q3.msclach_adj	Post-challenge Day 3 muscle ache - adjusted		
q4.msclach_adj	Post-challenge Day 4 muscle ache - adjusted		
q5.msclach_adj	Post-challenge Day 5 muscle ache - adjusted		
q6.msclach_adj	Post-challenge Day 6 muscle ache - adjusted		

INFECTION AND COLDS

VAR NAME	VARIABLE LABELS	VALUES	FORMULA
q1.jntach_adj	Post-challenge Day 1 joint ache - adjusted		q1.jntach_adj = q1.jntach-q0.jntach (repeated for all post-challenge days) NOTE: if q1.jntach - q0.jntach lt 0, q1.jntach_adj = 0.
q2.jntach_adj	Post-challenge Day 2 joint ache - adjusted		
q3.jntach_adj	Post-challenge Day 3 joint ache - adjusted		
q4.jntach_adj	Post-challenge Day 4 joint ache - adjusted		
q5.jntach_adj	Post-challenge Day 5 joint ache - adjusted		
q6.jntach_adj	Post-challenge Day 6 joint ache - adjusted		
q1.sweat_adj	Post-challenge Day 1 sweating - adjusted		q1.sweat_adj = q1.sweat-q0.sweat (repeated for all post-challenge days) NOTE: if q1.sweat - q0.sweat lt 0, q1.sweat_adj = 0.
q2.sweat_adj	Post-challenge Day 2 sweating - adjusted		
q3.sweat_adj	Post-challenge Day 3 sweating - adjusted		
q4.sweat_adj	Post-challenge Day 4 sweating - adjusted		
q5.sweat_adj	Post-challenge Day 5 sweating - adjusted		
q6.sweat_adj	Post-challenge Day 6 sweating - adjusted		
q1.fever_adj	Post-challenge Day 1 fever - adjusted		q1.fever_adj = q1.fever-q0.fever (repeated for all post-challenge days) NOTE: if q1.fever - q0.fever lt 0, q1.fever_adj = 0.
q2.fever_adj	Post-challenge Day 2 fever - adjusted		
q3.fever_adj	Post-challenge Day 3 fever - adjusted		
q4.fever_adj	Post-challenge Day 4 fever - adjusted		
q5.fever_adj	Post-challenge Day 5 fever - adjusted		
q6.fever_adj	Post-challenge Day 6 fever - adjusted		
q1.chstcon_adj	Post-challenge Day 1 chest congestion - adjusted		q1.chstcon_adj = q1.chstcon-q0.chstcon (repeated for all post-challenge days) NOTE: if q1.chstcon - q0.chstcon lt 0, q1.chstcon_adj = 0.
q2.chstcon_adj	Post-challenge Day 2 chest congestion - adjusted		
q3.chstcon_adj	Post-challenge Day 3 chest congestion - adjusted		
q4.chstcon_adj	Post-challenge Day 4 chest congestion - adjusted		
q5.chstcon_adj	Post-challenge Day 5 chest congestion - adjusted		
q6.chstcon_adj	Post-challenge Day 6 chest congestion - adjusted		

INFECTION AND COLDS

VAR NAME	VARIABLE LABELS	VALUES	FORMULA
q1.sinpn_adj	Post-challenge Day 1 sinus pain - adjusted		q1.sinpn_adj = q1.sinpn-q0.sinpn (repeated for all post-challenge days) NOTE: if q1.sinpn - q0.sinpn lt 0, q1.sinpn_adj = 0.
q2.sinpn_adj	Post-challenge Day 2 sinus pain - adjusted		
q3.sinpn_adj	Post-challenge Day 3 sinus pain - adjusted		
q4.sinpn_adj	Post-challenge Day 4 sinus pain - adjusted		
q5.sinpn_adj	Post-challenge Day 5 sinus pain - adjusted		
q6.sinpn_adj	Post-challenge Day 6 sinus pain - adjusted		
q1.earach_adj	Post-challenge Day 1 earache - adjusted		q1.earach_adj = q1.earach-q0.earach (repeated for all post-challenge days) NOTE: if q1.earach - q0.earach lt 0, q1.earach_adj = 0.
q2.earach_adj	Post-challenge Day 2 earache - adjusted		
q3.earach_adj	Post-challenge Day 3 earache - adjusted		
q4.earach_adj	Post-challenge Day 4 earache - adjusted		
q5.earach_adj	Post-challenge Day 5 earache - adjusted		
q6.earach_adj	Post-challenge Day 6 earache - adjusted		
post.sneez_avg	Avg Adjusted Post-challenge Sneezing Severity		RV39: post.sneez_avg = mean(q1.sneez_adj to q5.sneez_adj)
			flu: post.sneez_avg = mean(q1.sneez_adj to q6.sneez_adj)
post.runno_avg	Avg Adjusted Post-challenge Runny Nose Severity		RV39: post.runno_avg = mean(q1.runno_adj to q5.runno_adj)
			flu: post.runno_avg = mean(q1.runno_adj to q6.runno_adj)
post.nascon_avg	Avg Adjusted Post-challenge Nasal Congestion Sev		RV39: post.nascon_avg = mean(q1.nascon_adj to q5.nascon_adj)
			flu: post.nascon_avg = mean(q1.nascon_adj to q6.nascon_adj)
post.cough_avg	Avg Adjusted Post-challenge Cough Severity		RV39: post.cough_avg = mean(q1.cough_adj to q5.cough_adj)
			flu: post.cough_avg = mean(q1.cough_adj to q6.cough_adj)
post.srthr_avg	Avg Adjusted Post-challenge Sore Throat Severity		RV39: post.srthr_avg = mean(q1.srthr_adj to q5.srthr_adj)
			flu: post.srthr_avg = mean(q1.srthr_adj to q6.srthr_adj)
post.hdach_avg	Avg Adjusted Post-challenge Headache Severity		RV39: post.hdach_avg = mean(q1.hdach_adj to q5.hdach_adj)
			flu: post.hdach_avg = mean(q1.hdach_adj to q6.hdach_adj)
post.chill_avg	Avg Adjusted Post-challenge Chills Severity		RV39: post.chill_avg = mean(q1.chill_adj to q5.chill_adj)
			flu: post.chill_avg = mean(q1.chill_adj to q6.chill_adj)

INFECTION AND COLDS

VAR NAME	VARIABLE LABELS	VALUES	FORMULA
post.malais_avg	Average Adjusted Post-challenge Malaise Severity		RV39: post.malais_avg = mean(q1.malais_adj to q5.malais_adj)
			flu: post.malais_avg = mean(q1.malais_adj to q6.malais_adj)
post.jacksn_scr_tot	Total Adj Post-challenge Jackson Symptom Score		RV39: post.jacksn_scr_avg = sum(q1.jacksn_scr_adj to q5.jacksn_scr_adj)
			flu: post.jacksn_scr_avg = mean(q1.jacksn_scr_adj to q6.jacksn_scr_adj)*5
post.totsymp	Total # Jackson Symptoms (adjusted for baseline)		RV39: post.totsymp = sum(q1.totsymp_adj to q5.totsymp_adj)
			flu: post.totsymp = mean(q1.totsymp_adj to q6.totsymp_adj)*5
post.chstcon_avg	Avg Adjusted Post-challenge Chest Congestion Sev		RV39: post.chstcon_avg = mean(q1.chstcon_adj to q5.chstcon_adj)
			flu: post.chstcon_avg = mean(q1.chstcon_adj to q6.chstcon_adj)
post.sinpn_avg	Avg Adjusted Post-challenge Sinus Pain Severity		RV39: post.sinpn_avg = mean(q1.sinpn_adj to q5.sinpn_adj)
			flu: post.sinpn_avg = mean(q1.sinpn_adj to q6.sinpn_adj)
post.earach_avg	Average Adjusted Post-challenge Earache Severity		RV39: post.earach_avg = mean(q1.earach_adj to q5.earach_adj)
			flu: post.earach_avg = mean(q1.earach_adj to q6.earach_adj)
post.msclach_avg	Avg Adjusted Post-challenge Muscle Ache Severity		RV39: post.msclach_avg = mean(q1.msclach_adj to q5.msclach_adj)
			flu: post.msclach_avg = mean(q1.msclach_adj to q6.msclach_adj)
post.jntach_avg	Avg Adjusted Post-challenge Joint Ache Severity		RV39: post.jntach_avg = mean(q1.jntach_adj to q5.jntach_adj)
			flu: post.jntach_avg = mean(q1.jntach_adj to q6.jntach_adj)
post.sweat_avg	Average Adjusted Post-challenge Sweating Severity		RV39: post.sweat_avg = mean(q1.sweat_adj to q5.sweat_adj)
			flu: post.sweat_avg = mean(q1.sweat_adj to q6.sweat_adj)
post.fever_avg	Average Adjusted Post-challenge Fever Severity		RV39: post.fever_avg = mean(q1.fever_adj to q5.fever_adj)
			flu: post.fever_avg = mean(q1.fever_adj to q6.fever_adj)
post.sneezdays	Total Post-challenge Days with Sneezing		RV39: 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)
post.runnodays	Total Post-challenge Days with Runny Nose		RV39: 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)
post.nascondays	Total Post-challenge Days with Nasal Congestion		RV39: 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)

INFECTION AND COLDS

VAR NAME	VARIABLE LABELS	VALUES	FORMULA
post.coughdays	Total Post-challenge Days with Cough		RV39: 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)
post.srthrdays	Total Post-challenge Days with Sore Throat		RV39: count post.srthrdays = q1.srthr_adj to q5.srthr_adj (1 thru highest)
			flu: count post.srthrdays = q1.srthr_adj to q6.srthr_adj (1 thru highest)
post.hdachdays	Total Post-challenge Days with Headache		RV39: count post.hdachdays = q1.hdach_adj to q5.hdach_adj (1 thru highest)
			flu: count post.hdachdays = q1.hdach_adj to q5.hdach_adj (1 thru highest)
post.chilldays	Total Post-challenge Days with Chills		RV39: count post.chilldays = q1.chill_adj to q5.chill_adj (1 thru highest)
			flu: count post.chilldays = q1.chill_adj to q5.chill_adj (1 thru highest)
post.malaisdays	Total Post-challenge Days with Malaise		RV39: count post.malaisdays = q1.malais_adj to q5.malais_adj (1 thru highest)
			flu: count post.malaisdays = q1.malais_adj to q5.malais_adj (1 thru highest)
post.colddays	Total Post-challenge Days Reporting Cold or Flu		RV39: post.colddays = sum(q1.cold to q5.cold)
			flu: post.colddays = sum(q1.cold to q6.cold)

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
STUDYID	0=BCS	AB1	1=<1:2	SERO	0=Did not seroconvert
	1=PCS1		2=1:2 or <1:4		1=4-fold increase detected
	2=PCS2		4=1:4		
	3=PCS3			YES/NO	0=no
	4=PMBC	AB2	1=<1:2		1=yes
			2=1:2 or <1:4		
VIRUS3	0=RV39		4=1:4 or <1:8	SYMPSEV	0=none
	1=influenza		8=1:8 or <1:16		1=mild
			16=1:16 or >1:16		2=moderate
					3=severe
					4=very severe

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BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
BIOPATH	*****BEGIN BIOLOGICAL PATHWAYS DATA*****		
anthr	*****ANTHROPOMETRICS*****		
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		
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.mucede	Post-challenge Day 6 mucosal edema		
q0.muccolr	Pre-challenge (Day 0) color of mucosa	MUCCOL	
q1.muccolr	Post-challenge Day 1 color of mucosa		
q2.muccolr	Post-challenge Day 2 color of mucosa		
q3.muccolr	Post-challenge Day 3 color of mucosa		
q4.muccolr	Post-challenge Day 4 color of mucosa		
q5.muccolr	Post-challenge Day 5 color of mucosa		
q6.muccolr	Post-challenge Day 6 color of mucosa		

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		
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		
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		
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		

BIOLOGICAL PATHWAYS

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 afternoon		
q6.rmep_mrn	Post-challenge Day 6 right middle ear pressure afternoon		
q6.rmep_aft	Post-challenge Day 6 right middle ear pressure afternoon		
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		
q2.lmep_eve	Post-challenge Day 2 left middle ear pressure evening		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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		
q6.lmep_mrn	Post-challenge Day 6 left middle ear pressure morning		
q6.lmep_aft	Post-challenge Day 6 left middle ear pressure afternoon		
immf	*****FUNCTIONAL IMMUNITY*****		
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		
q1.ifna_nas_adj	Post-challenge Day 1 nasal Interferon alpha, adjusted		q1.ifna_nas_adj = q1.ifna_nas - q0.ifna_nas.
q2.ifna_nas_adj	Post-challenge Day 2 nasal Interferon alpha, adjusted		q2.ifna_nas_adj = q2.ifna_nas - q0.ifna_nas.
q3.ifna_nas_adj	Post-challenge Day 3 nasal Interferon alpha, adjusted		q3.ifna_nas_adj = q3.ifna_nas - q0.ifna_nas.
q4.ifna_nas_adj	Post-challenge Day 4 nasal Interferon alpha, adjusted		q4.ifna_nas_adj = q4.ifna_nas - q0.ifna_nas.
q5.ifna_nas_adj	Post-challenge Day 5 nasal Interferon alpha, adjusted		q5.ifna_nas_adj = q5.ifna_nas - q0.ifna_nas.
q6.ifna_nas_adj	Post-challenge Day 6 nasal Interferon alpha, adjusted		q6.ifna_nas_adj = q6.ifna_nas - q0.ifna_nas.

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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		
q1.il1b_nas_adj	Post-challenge Day 1 nasal IL-1 beta, adjusted		q1.il1b_nas_adj = q1.il1b_nas - q0.il1b_nas.
q2.il1b_nas_adj	Post-challenge Day 2 nasal IL-1 beta, adjusted		q2.il1b_nas_adj = q2.il1b_nas - q0.il1b_nas.
q3.il1b_nas_adj	Post-challenge Day 3 nasal IL-1 beta, adjusted		q3.il1b_nas_adj = q3.il1b_nas - q0.il1b_nas.
q4.il1b_nas_adj	Post-challenge Day 4 nasal IL-1 beta, adjusted		q4.il1b_nas_adj = q4.il1b_nas - q0.il1b_nas.
q5.il1b_nas_adj	Post-challenge Day 5 nasal IL-1 beta, adjusted		q5.il1b_nas_adj = q5.il1b_nas - q0.il1b_nas.
q6.il1b_nas_adj	Post-challenge Day 6 nasal IL-1 beta, adjusted		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		
q1.il6_nas_adj	Post-challenge Day 1 nasal IL-6, adjusted		q1.il6_nas_adj = q1.il6_nas - q0.il6_nas.
q2.il6_nas_adj	Post-challenge Day 2 nasal IL-6, adjusted		q2.il6_nas_adj = q2.il6_nas - q0.il6_nas.
q3.il6_nas_adj	Post-challenge Day 3 nasal IL-6, adjusted		q3.il6_nas_adj = q3.il6_nas - q0.il6_nas.
q4.il6_nas_adj	Post-challenge Day 4 nasal IL-6, adjusted		q4.il6_nas_adj = q4.il6_nas - q0.il6_nas.
q5.il6_nas_adj	Post-challenge Day 5 nasal IL-6, adjusted		q5.il6_nas_adj = q5.il6_nas - q0.il6_nas.
q6.il6_nas_adj	Post-challenge Day 6 nasal IL-6, adjusted		q6.il6_nas_adj = q6.il6_nas - q0.il6_nas.

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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		
q1.tnfa_nas_adj	Post-challenge Day 1 nasal TNF alpha, adjusted		q1.tnfa_nas_adj = q1.tnfa_nas - q0.tnfa_nas.
q2.tnfa_nas_adj	Post-challenge Day 2 nasal TNF alpha, adjusted		q2.tnfa_nas_adj = q2.tnfa_nas - q0.tnfa_nas.
q3.tnfa_nas_adj	Post-challenge Day 3 nasal TNF alpha, adjusted		q3.tnfa_nas_adj = q3.tnfa_nas - q0.tnfa_nas.
q4.tnfa_nas_adj	Post-challenge Day 4 nasal TNF alpha, adjusted		q4.tnfa_nas_adj = q4.tnfa_nas - q0.tnfa_nas.
q5.tnfa_nas_adj	Post-challenge Day 5 nasal TNF alpha, adjusted		q5.tnfa_nas_adj = q5.tnfa_nas - q0.tnfa_nas.
q6.tnfa_nas_adj	Post-challenge Day 6 nasal TNF alpha, adjusted		q6.tnfa_nas_adj = q6.tnfa_nas - q0.tnfa_nas.
miss_nas_tot	Total days with missing nasal secretion sample		
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		
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)		**RV39:** 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)		**RV39:** 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)		**RV39:** 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)		**RV39:** 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).

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
log_ifna_nas_auc_0miss	Post-challenge IFN alpha AUC (no missing data) - log10		log_ifna_nas_auc_0miss = lg10(ifna_nas_auc_0miss + 1).
log_il1b_nas_auc_0miss	Post-challenge IL-1B AUC (no missing data) - log10		log_il1b_nas_auc_0miss = lg10(il1b_nas_auc_0miss + 1).
log_il6_nas_auc_0miss	Post-challenge IL-6 AUC (no missing data) - log10		log_il6_nas_auc_0miss = lg10(il6_nas_auc_0miss + 1).
log_tnfa_nas_auc_0miss	Post-challenge TNF alpha AUC (no missing data) - log10		log_tnfa_nas_auc_0miss = lg10(tnfa_nas_auc_0miss + 1).
stmcyt	*****STIMULATED PLASMA CYTOKINE DATA*****		
IL1b_noLPS.1_raw	Unstimulated plasma IL-1B (pg/mL) (4-6 wks pre-Q'rntine)		
IL1b_noLPS.2_raw	Unstimulated plasma IL-1B (pg/mL) (Quarantine Day 0)		
IL2_noPHA.1_raw	Unstimulated plasma IL-2 (pg/mL) (4-6 wks pre-Quarantine)		
IL2_noPHA.2_raw	Unstimulated plasma IL-2 (pg/mL) (Quarantine Day 0)		
IL4_noPHA.1_raw	Unstimulated plasma IL-4 (pg/mL) (4-6 wks pre-Quarantine)		
IL4_noPHA.2_raw	Unstimulated plasma IL-4 (pg/mL) (Quarantine Day 0)		
IL5_noPHA.1_raw	Unstimulated plasma IL-5 (pg/mL) (4-6 wks pre-Quarantine)		
IL5_noPHA.2_raw	Unstimulated plasma IL-5 (pg/mL) (Quarantine Day 0)		
IL6_noPHA.1_raw	Unstimulated plasma IL-6 (pg/mL) (4-6 wks pre-Quarantine)		
IL6_noPHA.2_raw	Unstimulated plasma IL-6 (pg/mL) (Quarantine Day 0)		
IL8_noPHA.1_raw	Unstimulated plasma IL-8 (pg/mL) (4-6 wks pre-Quarantine)		
IL8_noPHA.2_raw	Unstimulated plasma IL-8 (pg/mL) (Quarantine Day 0)		
IL10_noPHA.1_raw	Unstimulated plasma IL-10 (pg/mL) (4-6 wks pre-Q'rntine)		
IL10_noPHA.2_raw	Unstimulated plasma IL-10 (pg/mL) (Quarantine Day 0)		
GMCSF_noPHA.1_raw	Unstimulated plasma GMCSF (pg/mL) (4-6 wks pre-Q'rntine)		
GMCSF_noPHA.2_raw	Unstimulated plasma GMCSF (pg/mL) (Quarantine Day 0)		
IFNg_noPHA.1_raw	Unstimulated plasma IFNg (pg/mL) (4-6 wks pre-Q'rntine)		
IFNg_noPHA.2_raw	Unstimulated plasma IFNg (pg/mL) (Quarantine Day 0)		
TNFa_noPHA.1_raw	Unstimulated plasma TNFa (pg/mL) (4-6 wks pre-Q'rntine)		
TNFa_noPHA.2_raw	Unstimulated plasma TNFa (pg/mL) (Quarantine Day 0)		
IL1b_LPS.1_raw	Stimulated plasma IL-1B (pg/mL) (4-6 wks pre-Quarantine)		
IL1b_LPS.2_raw	Stimulated plasma IL-1B (pg/mL) (Quarantine Day 0)		
IL2_PHA.1_raw	Stimulated plasma IL-2 (pg/mL) (4-6 wks pre-Quarantine)		
IL2_PHA.2_raw	Stimulated plasma IL-2 (pg/mL) (Quarantine Day 0)		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
IL4_PHA.1_raw	Stimulated plasma IL-4 (pg/mL) (4-6 wks pre-Quarantine)		
IL4_PHA.2_raw	Stimulated plasma IL-4 (pg/mL) (Quarantine Day 0)		
IL5_PHA.1_raw	Stimulated plasma IL-5 (pg/mL) (4-6 wks pre-Quarantine)		
IL5_PHA.2_raw	Stimulated plasma IL-5 (pg/mL) (Quarantine Day 0)		
IL6_PHA.1_raw	Stimulated plasma IL-6 (pg/mL) (4-6 wks pre-Quarantine)		
IL6_PHA.2_raw	Stimulated plasma IL-6 (pg/mL) (Quarantine Day 0)		
IL8_PHA.1_raw	Stimulated plasma IL-8 (pg/mL) (4-6 wks pre-Quarantine)		
IL8_PHA.2_raw	Stimulated plasma IL-8 (pg/mL) (Quarantine Day 0)		
IL10_PHA.1_raw	Stimulated plasma IL-10 (pg/mL) (4-6 wks pre-Quarantine)		
IL10_PHA.2_raw	Stimulated plasma IL-10 (pg/mL) (Quarantine Day 0)		
GMCSF_PHA.1_raw	Stimulated plasma GMCSF (pg/mL) (4-6 wks pre-Q'rntine)		
GMCSF_PHA.2_raw	Stimulated plasma GMCSF (pg/mL) (Quarantine Day 0)		
IFNg_PHA.1_raw	Stimulated plasma IFNg (pg/mL) (4-6 wks pre-Quarantine)		
IFNg_PHA.2_raw	Stimulated plasma IFNg (pg/mL) (Quarantine Day 0)		
TNFa_PHA.1_raw	Stimulated plasma TNFa (pg/mL) (4-6 wks pre-Quarantine)		
TNFa_PHA.2_raw	Stimulated plasma TNFa (pg/mL) (Quarantine Day 0)		

il1b_noLPS.1_rv39_out	Outlier indicator: unstimulated IL-1B (4-6 wks pre-Q'rntine)	OUT1	All outlier indicator variables were computed based on whether a given data point fell outside 2 standard deviations (SD) above or below the RV39 sample grand mean (GM) for that variable. For example:
			
			do if (NOT(missing(IL1b_LPS.1_raw))).
			if (IL1b_LPS.1_raw<(GM IL1b_LPS.1_raw) - (2*SD IL1b_LPS.1_raw)) IL1b_LPS.1_rv39_out = 1 .
			if (IL1b_LPS.1_raw>(GM IL1b_LPS.1_raw) + (2*SD IL1b_LPS.1_raw)) IL1b_LPS.1_rv39_out = 2 .
			else IL1b_LPS.1_rv39_out = 0.
			end if.

il1b_LPS.1_rv39_out	Outlier indicator: stimulated IL-1B (4-6 wks pre-Quarantine)		
il1b_noLPS.2_rv39_out	Outlier indicator: unstimulated IL-1B (Quarantine Day 0)		
il1b_LPS.2_rv39_out	Outlier indicator: stimulated IL-1B (Quarantine Day 0)		
il2_nopha.1_rv39_out	Outlier indicator: unstimulated IL-2 (4-6 wks pre-Quarantine)		
il2_pha.1_rv39_out	Outlier indicator: stimulated IL-2 (4-6 wks pre-Quarantine)		
il2_nopha.2_rv39_out	Outlier indicator: unstimulated IL-2 (Quarantine Day 0)		
il2_pha.2_rv39_out	Outlier indicator: stimulated IL-2 (Quarantine Day 0)		
il4_nopha.1_rv39_out	Outlier indicator: unstimulated IL-4 (4-6 wks pre-Quarantine)		
il4_pha.1_rv39_out	Outlier indicator: stimulated IL-4 (4-6 wks pre-Quarantine)		
il4_nopha.2_rv39_out	Outlier indicator: unstimulated IL-4 (Quarantine Day 0)		
il4_pha.2_rv39_out	Outlier indicator: stimulated IL-4 (Quarantine Day 0)		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
il5_nopha.1_rv39_out	Outlier indicator: unstimulated IL-5 (4-6 wks pre-Quarantine)	OUT1	
il5_pha.1_rv39_out	Outlier indicator: stimulated IL-5 (4-6 wks pre-Quarantine)		
il5_nopha.2_rv39_out	Outlier indicator: unstimulated IL-5 (Quarantine Day 0)		
il5_pha.2_rv39_out	Outlier indicator: stimulated IL-5 (Quarantine Day 0)		
il6_nopha.1_rv39_out	Outlier indicator: unstimulated IL-6 (4-6 wks pre-Quarantine)		
il6_pha.1_rv39_out	Outlier indicator: stimulated IL-6 (4-6 wks pre-Quarantine)		
il6_nopha.2_rv39_out	Outlier indicator: unstimulated IL-6 (Quarantine Day 0)		
il6_pha.2_rv39_out	Outlier indicator: stimulated IL-6 (Quarantine Day 0)		
il8_nopha.1_rv39_out	Outlier indicator: unstimulated IL-8 (4-6 wks pre-Quarantine)		
il8_pha.1_rv39_out	Outlier indicator: stimulated IL-8 (4-6 wks pre-Quarantine)		
il8_nopha.2_rv39_out	Outlier indicator: unstimulated IL-8 (Quarantine Day 0)		
il8_pha.2_rv39_out	Outlier indicator: stimulated IL-8 (Quarantine Day 0)		
il10_nopha.1_rv39_out	Outlier indicator: unstimulated IL-10 (4-6 wks pre-Q'rntine)		
il10_pha.1_rv39_out	Outlier indicator: stimulated IL-10 (4-6 wks pre-Quarantine)		
il10_nopha.2_rv39_out	Outlier indicator: unstimulated IL-10 (Quarantine Day 0)		
il10_pha.2_rv39_out	Outlier indicator: stimulated IL-10 (Quarantine Day 0)		
gmcsf_nopha.1_rv39_out	Outlier indicator: unstimulated GMCSF (4-6 wks pre-Q'rntine)		
gmcsf_pha.1_rv39_out	Outlier indicator: stimulated GMCSF (4-6 wks pre-Q'rntine)		
gmcsf_nopha.2_rv39_out	Outlier indicator: unstimulated GMCSF (Quarantine Day 0)		
gmcsf_pha.2_rv39_out	Outlier indicator: stimulated GMCSF (Quarantine Day 0)		
ifng_nopha.1_rv39_out	Outlier indicator: unstimulated IFNg (4-6 wks pre-Q'rntine)		
ifng_pha.1_rv39_out	Outlier indicator: stimulated IFNg (4-6 wks pre-Quarantine)		
ifng_nopha.2_rv39_out	Outlier indicator: unstimulated IFNg (Quarantine Day 0)		
ifng_pha.2_rv39_out	Outlier indicator: stimulated IFNg (Quarantine Day 0)		
tnfa_nopha.1_rv39_out	Outlier indicator: unstimulated TNFa (4-6 wks pre-Q'rntine)		
tnfa_pha.1_rv39_out	Outlier indicator: stimulated TNFa (4-6 wks pre-Quarantine)		
tnfa_nopha.2_rv39_out	Outlier indicator: unstimulated TNFa (Quarantine Day 0)		
tnfa_pha.2_rv39_out	Outlier indicator: stimulated TNFa (Quarantine Day 0)		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
IL1b_noPHA.1_clean	Unstimulated IL-1B (4-6 wks pre-Q'rntine), within +/-2 SD		
IL1b_PHA.1_clean	Stimulated IL-1B (4-6 wks pre-Q'rntine), within +/- 2SD		
IL1b_noPHA.2_clean	Unstimulated IL-1B (Q'rntine Day 0), within +/- 2SD		
IL1b_PHA.2_clean	Stimulated IL-1B (Q'rntine Day 0), within +/- 2SD		
IL2_noPHA.1_clean	Unstimulated IL-2 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL2_PHA.1_clean	Stimulated IL-2 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL2_noPHA.2_clean	Unstimulated IL-2 (Q'rntine Day 0), within +/- 2SD		
IL2_PHA.2_clean	Stimulated IL-2 (Q'rntine Day 0), within +/- 2SD		
IL4_noPHA.1_clean	Unstimulated IL-4 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL4_PHA.1_clean	Stimulated IL-4 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL4_noPHA.2_clean	Unstimulated IL-4 (Q'rntine Day 0), within +/- 2SD		
IL4_PHA.2_clean	Stimulated IL-4 (Q'rntine Day 0), within +/- 2SD		

IL5_noPHA.1_clean	Unstimulated IL-5 (4-6 wks pre-Q'rntine), within +/- 2SD		"Raw" data are determined to be "clean" if they do not meet criteria for being an outlier (i.e., the value of the outlier indicator variable associated with a given data point is 0). For example:
			
			if (IL6_PHA.1_rv39_outliers = 0) IL6_PHA.1_clean = IL6_PHA.1_raw
			if (IL6_PHA.1_rv39_outliers = 1) IL6_PHA.1_clean = $sysmis .
			if (IL6_PHA.1_rv39_outliers = 2) IL6_PHA.1_clean = $sysmis .

IL5_PHA.1_clean	Stimulated IL-5 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL5_noPHA.2_clean	Unstimulated IL-5 (Q'rntine Day 0), within +/- 2SD		
IL5_PHA.2_clean	Stimulated IL-5 (Q'rntine Day 0), within +/- 2SD		
IL6_noPHA.1_clean	Unstimulated IL-6 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL6_PHA.1_clean	Stimulated IL-6 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL6_noPHA.2_clean	Unstimulated IL-6 (Q'rntine Day 0), within +/- 2SD		
IL6_PHA.2_clean	Stimulated IL-6 (Q'rntine Day 0), within +/- 2SD		
IL8_noPHA.1_clean	Unstimulated IL-8 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL8_PHA.1_clean	Stimulated IL-8 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL8_noPHA.2_clean	Unstimulated IL-8 (Q'rntine Day 0), within +/- 2SD		
IL8_PHA.2_clean	Stimulated IL-8 (Q'rntine Day 0), within +/- 2SD		
IL10_noPHA.1_clean	Unstimulated IL-10 (4-6 wks pre-Q'rntine), within +/- 2SD		
IL10_PHA.1_clean	Stimulated IL-10 (4-6 wks pre-Q'rntine), within +/- 2SD		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
IL10_noPHA.2_clean	Unstimulated IL-10 (Q'rntine Day 0), within +/- 2SD		
IL10_PHA.2_clean	Stimulated IL-10 (Q'rntine Day 0), within +/- 2SD		
gmcsf_noPHA.1_clean	Unstimulated GMCSF (4-6 wks pre-Q'rntine), within +/- 2SD		
gmcsf_PHA.1_clean	Stimulated GMCSF (4-6 wks pre-Q'rntine), within +/- 2SD		
gmcsf_noPHA.2_clean	Unstimulated GMCSF (Q'rntine Day 0), within +/- 2SD		
gmcsf_PHA.2_clean	Stimulated GMCSF (Q'rntine Day 0), within +/- 2SD		
IFNg_noPHA.1_clean	Unstimulated IFNg (4-6 wks pre-Q'rntine), within +/- 2SD		
IFNg_PHA.1_clean	Stimulated IFNg (4-6 wks pre-Q'rntine), within +/- 2SD		
IFNg_noPHA.2_clean	Unstimulated IFNg (Q'rntine Day 0), within +/- 2SD		
IFNg_PHA.2_clean	Stimulated IFNg (Q'rntine Day 0), within +/- 2SD		
TNFa_noPHA.1_clean	Unstimulated TNFa (4-6 wks pre-Q'rntine), within +/- 2SD		
TNFa_PHA.1_clean	Stimulated TNFa (4-6 wks pre-Q'rntine), within +/- 2SD		
TNFa_noPHA.2_clean	Unstimulated TNFa (Q'rntine Day 0), within +/- 2SD		
TNFa_PHA.2_clean	Stimulated TNFa (Q'rntine Day 0), within +/- 2SD		
IL1b_LPS.1_adj	Stimulated IL-1B adj for unstim levels (4-6 wks pre-Q'rntine)		IL1b_LPS.1_adj = (IL1b_LPS.1_clean - IL1b_noLPS.1_clean).
IL2_PHA.1_adj	Stimulated IL-2 adj for unstim levels (4-6 wks pre-Q'rntine)		IL2_PHA.1_adj = (IL2_PHA.1_clean - IL2_noPHA.1_clean).
IL4_PHA.1_adj	Stimulated IL-4 adj for unstim levels (4-6 wks pre-Q'rntine)		IL4_PHA.1_adj = (IL4_PHA.1_clean - IL4_noPHA.1_clean).
IL5_PHA.1_adj	Stimulated IL-5 adj for unstim levels (4-6 wks pre-Quarantine)		IL5_PHA.1_adj = (IL5_PHA.1_clean - IL5_noPHA.1_clean).
IL6_PHA.1_adj	Stimulated IL-6 adj for unstim levels (4-6 wks pre-Quarantine)		IL6_PHA.1_adj = (IL6_PHA.1_clean - IL6_noPHA.1_clean).
IL8_PHA.1_adj	Stimulated IL-8 adj for unstim levels (4-6 wks pre-Quarantine)		IL8_PHA.1_adj = (IL8_PHA.1_clean - IL8_noPHA.1_clean).
IL10_PHA.1_adj	Stimulated IL-10 adj for unstim levels (4-6 wks pre-Q'rntine)		IL10_PHA.1_adj = (IL10_PHA.1_clean - IL10_noPHA.1_clean).
GMCSF_PHA.1_adj	Stimulated GMCSF adj for unstim levels (4-6 wks pre-Q'rntine)		GMCSF_PHA.1_adj = (GMCSF_PHA.1_clean - GMCSF_noPHA.1_clean).
IFNg_PHA.1_adj	Stimulated IFNg adj for unstim levels (4-6 wks pre-Q'rntine)		IFNg_PHA.1_adj = (IFNg_PHA.1_clean - IFNg_noPHA.1_clean).
TNFa_PHA.1_adj	Stimulated TNFa adj for unstim levels (4-6 wks pre-Q'rntine)		TNFa_PHA.1_adj = (TNFa_PHA.1_clean - TNFa_noPHA.1_clean).
IL1b_LPS.2_adj	Stimulated IL-1B adj for unstim levels (Quarantine Day 0)		IL1b_LPS.2_adj = (IL1b_LPS.2_clean - IL1b_noLPS.2_clean).
IL2_PHA.2_adj	Stimulated IL-2 adj for unstim levels (Quarantine Day 0)		IL2_PHA.2_adj = (IL2_PHA.2_clean - IL2_noPHA.2_clean).

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
IL4_PHA.2_adj	Stimulated IL-4 adj for unstim levels (Quarantine Day 0)		IL4_PHA.2_adj = (IL4_PHA.2_clean - IL4_noPHA.2_clean).
IL5_PHA.2_adj	Stimulated IL-5 adj for unstim levels (Quarantine Day 0)		IL5_PHA.2_adj = (IL5_PHA.2_clean - IL5_noPHA.2_clean).
IL6_PHA.2_adj	Stimulated IL-6 adj for unstim levels (Quarantine Day 0)		IL6_PHA.2_adj = (IL6_PHA.2_clean - IL6_noPHA.2_clean).
IL8_PHA.2_adj	Stimulated IL-8 adj for unstim levels (Quarantine Day 0)		IL8_PHA.2_adj = (IL8_PHA.2_clean - IL8_noPHA.2_clean).
IL10_PHA.2_adj	Stimulated IL-10 adj for unstim levels (Quarantine Day 0)		IL10_PHA.2_adj = (IL10_PHA.2_clean - IL10_noPHA.2_clean).
GMCSF_PHA.2_adj	Stimulated GMCSF adj for unstim levels (Quarantine Day 0)		GMCSF_PHA.2_adj = (GMCSF_PHA.2_clean - GMCSF_noPHA.2_clean).
IFNg_PHA.2_adj	Stimulated IFNg adj for unstim levels (Quarantine Day 0)		IFNg_PHA.2_adj = (IFNg_PHA.2_clean - IFNg_noPHA.2_clean).
TNFa_PHA.2_adj	Stimulated TNFa adj for unstim levels (Quarantine Day 0)		TNFa_PHA.2_adj = (TNFa_PHA.2_clean - TNFa_noPHA.2_clean).
IL1b_noLPS_avg	Average basal IL-1B (pg/mL) (avg Pre & Day 0)		IL1b_noLPS_avg = mean(IL1b_noLPS.1_clean, IL1b_noLPS.2_clean).
IL2_noPHA_avg	Average basal IL-2 (pg/mL) (avg Pre & Day 0)		IL2_noPHA_avg = mean(IL2_noPHA.1_clean, IL2_noPHA.2_clean).
IL4_noPHA_avg	Average basal IL-4 (pg/mL) (avg Pre & Day 0)		IL4_noPHA_avg = mean(IL4_noPHA.1_clean, IL4_noPHA.2_clean).
IL5_noPHA_avg	Average basal IL-5 (pg/mL) (avg Pre & Day 0)		IL5_noPHA_avg = mean(IL5_noPHA.1_clean, IL5_noPHA.2_clean).
IL6_noPHA_avg	Average basal IL-6 (pg/mL) (avg Pre & Day 0)		IL6_noPHA_avg = mean(IL6_noPHA.1_clean, IL6_noPHA.2_clean).
IL8_noPHA_avg	Average basal IL-8 (pg/mL) (avg Pre & Day 0)		IL8_noPHA_avg = mean(IL8_noPHA.1_clean, IL8_noPHA.2_clean).
IL10_noPHA_avg	Average basal IL-10 (pg/mL) (avg Pre & Day 0)		IL10_noPHA_avg = mean(IL10_noPHA.1_clean, IL10_noPHA.2_clean).
GMCSF_noPHA_avg	Average basal GMCSF (pg/mL) (avg Pre & Day 0)		GMCSF_noPHA_avg = mean(GMCSF_noPHA.1_clean, GMCSF_noPHA.2_clean).
IFNg_noPHA_avg	Average basal IFNg (pg/mL) (avg Pre & Day 0)		IFNg_noPHA_avg = mean(IFNg_noPHA.1_clean, IFNg_noPHA.2_clean).
TNFa_noPHA_avg	Average basal TNFa (pg/mL) (avg Pre & Day 0)		TNFa_noPHA_avg = mean(TNFa_noPHA.1_clean, TNFa_noPHA.2_clean).
IL1b_LPS_adj_avg	Avg stimulated IL-1B (pg/mL) (avg Pre & Day 0) - adjusted		IL1b_LPS_adj_avg = mean(IL1b_LPS.1_adj, IL1b_LPS.2_adj).
IL2_PHA_adj_avg	Avg stimulated IL-2 (pg/mL) (avg Pre & Day 0) - adjusted		IL2_PHA_adj_avg = mean(IL2_PHA.1_adj, IL2_PHA.2_adj).
IL4_PHA_adj_avg	Avg stimulated IL-4 (pg/mL) (avg Pre & Day 0) - adjusted		IL4_PHA_adj_avg = mean(IL4_PHA.1_adj, IL4_PHA.2_adj).
IL5_PHA_adj_avg	Avg stimulated IL-5 (pg/mL) (avg Pre & Day 0) - adjusted		IL5_PHA_adj_avg = mean(IL5_PHA.1_adj, IL5_PHA.2_adj).
IL6_PHA_adj_avg	Avg stimulated IL-6 (pg/mL) (avg Pre & Day 0) - adjusted		IL6_PHA_adj_avg = mean(IL6_PHA.1_adj, IL6_PHA.2_adj).
IL8_PHA_adj_avg	Avg stimulated IL-8 (pg/mL) (avg Pre & Day 0) - adjusted		IL8_PHA_adj_avg = mean(IL8_PHA.1_adj, IL8_PHA.2_adj).

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
IL10_PHA_adj_avg	Avg stimulated IL-10 (pg/mL) (avg Pre & Day 0) - adjusted		IL10_PHA_adj_avg = mean(IL10_PHA.1_adj, IL10_PHA.2_adj).
GMCSF_PHA_adj_avg	Avg stimulated GMCSF (pg/mL) (avg Pre & Day 0) - adjusted		GMCSF_PHA_adj_avg = mean(GMCSF_PHA.1_adj, GMCSF_PHA.2_adj).
IFNg_PHA_adj_avg	Avg stimulated IFNg (pg/mL) (avg Pre & Day 0) - adjusted		IFNg_PHA_adj_avg = mean(IFNg_PHA.1_adj, IFNg_PHA.2_adj).
TNFa_PHA_adj_avg	Avg stimulated TNFa (pg/mL) (avg Pre & Day 0) - adjusted		TNFa_PHA_adj_avg = mean(TNFa_PHA.1_adj, TNFa_PHA.2_adj).
IL1b_LPS_adj_nomiss	Avg stimulated IL-1B (avg Pre & Day 0, both nonmissing) - adj		IL1b_LPS_adj_avg = mean.2(IL1b_LPS.1_adj, IL1b_LPS.2_adj).
IL2_PHA_adj_nomiss	Avg stimulated IL-2 (avg Pre & Day 0, both nonmissing) - adj		IL2_PHA_adj_avg = mean.2(IL2_PHA.1_adj, IL2_PHA.2_adj).
IL4_PHA_adj_nomiss	Avg stimulated IL-4 (avg Pre & Day 0, both nonmissing) - adj		IL4_PHA_adj_avg = mean.2(IL4_PHA.1_adj, IL4_PHA.2_adj).
IL5_PHA_adj_nomiss	Avg stimulated IL-5 (avg Pre & Day 0, both nonmissing) - adj		IL5_PHA_adj_avg = mean.2(IL5_PHA.1_adj, IL5_PHA.2_adj).
IL6_PHA_adj_nomiss	Avg stimulated IL-6 (avg Pre & Day 0, both nonmissing) - adj		IL6_PHA_adj_avg = mean.2(IL6_PHA.1_adj, IL6_PHA.2_adj).
IL8_PHA_adj_nomiss	Avg stimulated IL-8 (avg Pre & Day 0, both nonmissing) - adj		IL8_PHA_adj_avg = mean.2(IL8_PHA.1_adj, IL8_PHA.2_adj).
IL10_PHA_adj_nomiss	Avg stimulated IL-10 (avg Pre & Day 0, both nonmissing) - adj		IL10_PHA_adj_avg = mean.2(IL10_PHA.1_adj, IL10_PHA.2_adj).
GMCSF_PHA_adj_nomiss	Avg stim GMCSF (avg Pre & Day 0, both nonmissing) - adj		GMCSF_PHA_adj_avg = mean.2(GMCSF_PHA.1_adj, GMCSF_PHA.2_adj).
IFNg_PHA_adj_nomiss	Avg stimulated IFNg (avg Pre & Day 0, both nonmissing) - adj		IFNg_PHA_adj_avg = mean.2(IFNg_PHA.1_adj, IFNg_PHA.2_adj).
TNFa_PHA_adj_nomiss	Avg stimulated TNFa (avg Pre & Day 0, both nonmissing) - adj		TNFa_PHA_adj_avg = mean.2(TNFa_PHA.1_adj, TNFa_PHA.2_adj).
log_IL1b_LPS.1_adj	log_{10}-Stimulated IL-1B (4-6 wks pre-Quarantine) - adjusted		if (IL1b_LPS.1_adj $\geq$0) log_IL1b_LPS.1_adj = log10(IL1b_LPS.1_adj+1).
log_IL2_PHA.1_adj	log_{10}-Stimulated IL-2 (4-6 wks pre-Quarantine) - adjusted		if (IL2_PHA.1_adj $\geq$0) log_IL2_PHA.1_adj = log10(IL2_PHA.1_adj + 1).
log_IL4_PHA.1_adj	log_{10}-Stimulated IL-4 (4-6 wks pre-Quarantine) - adjusted		if (IL4_PHA.1_adj $\geq$0) log_IL4_PHA.1_adj = log10(IL4_PHA.1_adj + 1).
log_IL5_PHA.1_adj	log_{10}-Stimulated IL-5 (4-6 wks pre-Quarantine) - adjusted		if (IL5_PHA.1_adj $\geq$0) log_IL5_PHA.1_adj = log10(IL5_PHA.1_adj + 1).
log_IL6_PHA.1_adj	log_{10}-Stimulated IL-6 (4-6 wks pre-Quarantine) - adjusted		if (IL6_PHA.1_adj $\geq$0) log_IL6_PHA.1_adj = log10(IL6_PHA.1_adj + 1).
log_IL8_PHA.1_adj	log_{10}-Stimulated IL-8 (4-6 wks pre-Quarantine) - adjusted		if (IL8_PHA.1_adj $\geq$0) log_IL8_PHA.1_adj = log10(IL8_PHA.1_adj + 1).
log_IL10_PHA.1_adj	log_{10}-Stimulated IL-10 (4-6 wks pre-Quarantine) - adjusted		if (IL10_PHA.1_adj$\geq$0) log_IL10_PHA.1_adj = log10(IL10_PHA.1_adj+1).
log_GMCSF_PHA.1_adj	log_{10}-Stimulated GMCSF (4-6 wks pre-Quarantine) - adjusted		if (GMCSF_PHA.1_adj $\geq$0) log_GMCSF_PHA.1_adj = log10(GMCSF_PHA.1_adj+1).
log_IFNg_PHA.1_adj	log_{10}-Stimulated IFNg (4-6 wks pre-Quarantine) - adjusted		if (IFNg_PHA.1_adj $\geq$0) log_IFNg_PHA.1_adj = log10(IFNg_PHA.1_adj + 1).
log_TNFa_PHA.1_adj	log10-Stimulated TNFa (4-6 wks pre-Quarantine) - adjusted		if (TNFa_PHA.1_adj $\geq$0) log_TNFa_PHA.1_adj = log10(TNFa_PHA.1_adj + 1).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
log_IL1b_LPS.2_adj	log10-Stimulated IL-1B (Quarantine Day 0) - adjusted		if (IL1b_LPS.2_adj ≥0) log_IL1b_LPS.2_adj = log10(IL1b_LPS.2_adj+1).
log_IL2_PHA.2_adj	log10-Stimulated IL-2 (Quarantine Day 0) - adjusted		if (IL2_PHA.2_adj ≥0) log_IL2_PHA.2_adj = log10(IL2_PHA.2_adj + 1).
log_IL4_PHA.2_adj	log10-Stimulated IL-4 (Quarantine Day 0) - adjusted		if (IL4_PHA.2_adj ≥0) log_IL4_PHA.2_adj = log10(IL4_PHA.2_adj + 1).
log_IL5_PHA.2_adj	log10-Stimulated IL-5 (Quarantine Day 0) - adjusted		if (IL5_PHA.2_adj ≥0) log_IL5_PHA.2_adj = log10(IL5_PHA.2_adj + 1).
log_IL6_PHA.2_adj	log10-Stimulated IL-6 (Quarantine Day 0) - adjusted		if (IL6_PHA.2_adj ≥0) log_IL6_PHA.2_adj = log10(IL6_PHA.2_adj + 1).
log_IL8_PHA.2_adj	log10-Stimulated IL-8 (Quarantine Day 0) - adjusted		if (IL8_PHA.2_adj ≥0) log_IL8_PHA.2_adj = log10(IL8_PHA.2_adj + 1).
log_IL10_PHA.2_adj	log10-Stimulated IL-10 (Quarantine Day 0) - adjusted		if (IL10_PHA.2_adj≥0) log_IL10_PHA.2_adj = log10(IL10_PHA.2_adj+1).
log_GMCSF_PHA.2_adj	log10-Stimulated GMCSF (Quarantine Day 0) - adjusted		if (GMCSF_PHA.2_adj ≥0) log_GMCSF_PHA.2_adj = log10(GMCSF_PHA.2_adj+1).
log_IFNg_PHA.2_adj	log10-Stimulated IFNg (Quarantine Day 0) - adjusted		if (IFNg_PHA.2_adj ≥0) log_IFNg_PHA.2_adj = log10(IFNg_PHA.2_adj + 1).
log_TNFa_PHA.2_adj	log10-Stimulated TNFa (Quarantine Day 0) - adjusted		if (TNFa_PHA.2_adj ≥0) log_TNFa_PHA.2_adj = log10(TNFa_PHA.2_adj + 1).
log_IL1b_noLPS_avg	log_{10}-Basal IL-1B (pg/mL) (avg Pre & Day 0)		if (IL1b_noLPS_avg ≥0) log_IL1b_noLPS_avg = log10(IL1b_noLPS_avg + 1).
log_IL2_noPHA_avg	log_{10}-Basal IL-2 (pg/mL) (avg Pre & Day 0)		if (IL2_noPHA_avg ≥0) log_IL2_noPHA_avg = log10(IL2_noPHA_avg+1).
log_IL4_noPHA_avg	log_{10}-Basal IL-4 (pg/mL) (avg Pre & Day 0)		if (IL4_noPHA_avg ≥0) log_IL4_noPHA_avg = log10(IL4_noPHA_avg+1).
log_IL5_noPHA_avg	log_{10}-Basal IL-5 (pg/mL) (avg Pre & Day 0)		if (IL5_noPHA_avg ≥0) log_IL5_noPHA_avg = log10(IL5_noPHA_avg+1).
log_IL6_noPHA_avg	log_{10}-Basal IL-6 (pg/mL) (avg Pre & Day 0)		if (IL6_noPHA_avg ≥0) log_IL6_noPHA_avg = log10(IL6_noPHA_avg+1).
log_IL8_noPHA_avg	log_{10}-Basal IL-8 (pg/mL) (avg Pre & Day 0)		if (IL8_noPHA_avg ≥0) log_IL8_noPHA_avg = log10(IL8_noPHA_avg+1).
log_IL10_noPHA_avg	log_{10}-Basal IL-10 (pg/mL) (avg Pre & Day 0)		if (IL10_noPHA_avg ≥0) log_IL10_noPHA_avg = log10(IL10_noPHA_avg + 1).
log_GMCSF_noPHA_avg	log_{10}-Basal GMCSF (pg/mL) (avg Pre & Day 0)		if (gmcsf_noPHA_avg ≥0) log_gmcsf_noPHA_avg = log10(gmcsf_noPHA_avg + 1).
log_IFNg_noPHA_avg	log_{10}-Basal IFNg (pg/mL) (avg Pre & Day 0)		if (IFNg_noPHA_avg ≥0) log_IFNg_noPHA_avg = log10(IFNg_noPHA_avg + 1).
log_TNFa_noPHA_avg	log_{10}-Basal TNFa (pg/mL) (avg Pre & Day 0)		if (TNFa_noPHA_avg ≥0) log_TNFa_noPHA_avg = log10(TNFa_noPHA_avg + 1).
log_IL1b_LPS_adj_avg	log_{10}-Stimulated IL-1B (avg Pre & Day 0) - adjusted		if (IL1b_LPS_adj_avg ≥0) log_IL1b_LPS_adj_avg = log10(IL1b_LPS_adj_avg + 1).
log_IL2_PHA_adj_avg	log_{10}-Stimulated IL-2 (avg Pre & Day 0) - adjusted		if (IL2_PHA_adj_avg ≥0) log_IL2_PHA_adj_avg = log10(IL2_PHA_adj_avg + 1).
log_IL4_PHA_adj_avg	log_{10}-Stimulated IL-4 (avg Pre & Day 0) - adjusted		if (IL4_PHA_adj_avg ≥0) log_IL4_PHA_adj_avg = log10(IL4_PHA_adj_avg + 1).
log_IL5_PHA_adj_avg	log_{10}-Stimulated IL-5 (avg Pre & Day 0) - adjusted		if (IL5_PHA_adj_avg ≥0) log_IL5_PHA_adj_avg = log10(IL5_PHA_adj_avg + 1).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
log_IL6_PHA_adj_avg	log_{10}-Stimulated IL-6 (avg Pre & Day 0) - adjusted		if (IL6_PHA_adj_avg ≥0) log_IL6_PHA_adj_avg = log10(IL6_PHA_adj_avg + 1).
log_IL8_PHA_adj_avg	log_{10}-Stimulated IL-8 (avg Pre & Day 0) - adjusted		if (IL8_PHA_adj_avg ≥0) log_IL8_PHA_adj_avg = log10(IL8_PHA_adj_avg + 1).
log_IL10_PHA_adj_avg	log_{10}-Stimulated IL-10 (avg Pre & Day 0) - adjusted		if (IL10_PHA_adj_avg ≥0) log_IL10_PHA_adj_avg = log10(IL10_PHA_adj_avg+1).
log_GMCSF_PHA_adj_avg	log_{10}-Stimulated GMCSF (avg Pre & Day 0) - adjusted		if (gmcsf_PHA_adj_avg≥0) log_gmcsf_PHA_adj_avg=log10(gmcsf_PHA_adj_avg+1).
log_IFNg_PHA_adj_avg	log_{10}-Stimulated IFNg (avg Pre & Day 0) - adjusted		if (IFNg_PHA_adj_avg ≥0) log_IFNg_PHA_adj_avg = log10(IFNg_PHA_adj_avg + 1).
log_TNFa_PHA_adj_avg	log_{10}-Stimulated TNFa (avg Pre & Day 0) - adjusted		if (TNFa_PHA_adj_avg ≥0) log_TNFa_PHA_adj_avg = log10(TNFa_PHA_adj_avg+1).
log_IL1b_LPS_adj_nomiss	log_{10}-Stim IL-1B (avg Pre &Day 0, both nonmiss), adj		Transformations of average variables requiring both cytokine measures to be nonmissing are identical for those employed for the simple average variables (see above.)
log_IL2_PHA_adj_nomiss	log_{10}-Stim IL-2 (avg Pre & Day 0, both nonmiss), adj		
log_IL4_PHA_adj_nomiss	log_{10}-Stim IL-4 (avg Pre & Day 0, both nonmiss), adj		
log_IL5_PHA_adj_nomiss	log_{10}-Stim IL-5 (avg Pre & Day 0, both nonmiss), adj		
log_IL6_PHA_adj_nomiss	log_{10}-Stim IL-6 (avg Pre & Day 0, both nonmiss), adj		
log_IL8_PHA_adj_nomiss	log_{10}-Stim IL-8 (avg Pre & Day 0, both nonmiss), adj		
log_IL10_PHA_adj_nomiss	log_{10}-Stim IL-10 (avg Pre&Day 0, both nonmiss), adj		
log_GMCSF_PHA_adj_nomiss	log_{10}-Stim GMCSF (avg Pre&Day 0, both nonmiss), adj		
log_IFNg_PHA_adj_nomiss	log_{10}-Stim IFNg (avg Pre & Day 0, both nonmiss), adj		
log_TNFa_PHA_adj_nomiss	log_{10}-Stim TNFa (avg Pre&Day 0, both nonmiss), adj		
gcr	*****GLUCOCORTICOID RESISTANCE*****		
gcr.IL6_neg_dil	GCR: IL-6 Negative, Dilution		
gcr.IL6_neg_pgmL	GCR: unstimulated plasma IL-6 conc. (pg/mL)		
gcr.IL6_pos_dil	GCR: IL-6 Positive, Dilution		
gcr.IL6_pos_pgmL	GCR: LPS-stimulated plasma IL-6 conc. (pg/mL)		
gcr.IL6_dex1_dil	GCR: IL-6 Dexamethasone 1, Dilution		
gcr.IL6_dex1_pgmL	GCR: LPS-stimulated IL-6 + 1 nmol dex (pg/mL)		
gcr.IL6_dex50_dil	GCR: IL-6 Dexamethasone 50, Dilution		
gcr.IL6_dex50_pgmL	GCR: LPS-stimulated IL-6 + 50 nmol dex (pg/mL)		
gcr.IL6_dex250_dil	GCR: IL-6 Dexamethasone 250, Dilution		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
gcr.IL6_dex250_pgmL	GCR: LPS-stimulated IL-6 + 250 nmol dex (pg/mL)		
gcr.IL1b_neg_dil	GCR: IL-1b Negative, Dilution		
gcr.IL1b_neg_pgmL	GCR: unstimulated plasma IL-1b conc. (pg/mL)		
gcr.IL1b_pos_dil	GCR: IL-1b Positive, Dilution		
gcr.IL1b_pos_pgmL	GCR: LPS-stimulated plasma IL-1b conc. (pg/mL)		
gcr.IL1b_dex1_dil	GCR: IL-1b Dexamethasone 1, Dilution		
gcr.IL1b_dex1_pgmL	GCR: LPS-stimulated IL-1b + 1 nmol dex (pg/mL)		
gcr.IL1b_dex50_dil	GCR: IL-1b Dexamethasone 50, Dilution		
gcr.IL1b_dex50_pgmL	GCR: LPS-stimulated IL-1b + 50 nmol dex (pg/mL)		
gcr.IL1b_dex250_dil	GCR: IL-1b Dexamethasone 250, Dilution		
gcr.IL1b_dex250_pgmL	GCR: LPS-stimulated IL-1b + 250 nmol dex (pg/mL)		
gcr.TNFa_neg_dil	GCR: TNF-a Negative, Dilution		
gcr.TNFa_neg_pgmL	GCR: unstimulated plasma TNFa conc. (pg/mL)		
gcr.TNFa_pos_dil	GCR: TNF-a Positive, Dilution		
gcr.TNFa_pos_pgmL	GCR: LPS-stimulated plasma TNFa conc. (pg/mL)		
gcr.TNFa_dex1_dil	GCR: TNF-a Dexamethasone 1, Dilution		
gcr.TNFa_dex1_pgmL	GCR: LPS-stimulated TNFa + 1 nmol dex (pg/mL)		
gcr.TNFa_dex50_dil	GCR: TNF-a Dexamethasone 50, Dilution		
gcr.TNFa_dex50_pgmL	GCR: LPS-stimulated TNFa + 50 nmol dex (pg/mL)		
gcr.TNFa_dex250_dil	GCR: TNF-a Dexamethasone 250, Dilution		
gcr.TNFa_dex250_pgmL	GCR: LPS-stimulated TNFa + 250 nmol dex (pg/mL)		
gcr.IL6_pos_pgmL_adj	GCR: LPS-stimulated IL-6 (pg/mL) - adjusted		gcr.IL6_pos_pgmL_adj = gcr.IL6_pos_pgmL - gcr.IL6_neg_pgmL
gcr.IL6_dex1_pgmL_adj	GCR: LPS-stimulated IL-6 + 1 nmol dex (pg/mL) - adj		gcr.IL6_dex1_pgmL_adj = gcr.IL6_dex1_pgmL - gcr.IL6_neg_pgmL
gcr.IL6_dex50_pgmL_adj	GCR: LPS-stimulated IL-6+50 nmol dex (pg/mL) - adj		gcr.IL6_dex50_pgmL_adj = gcr.IL6_dex50_pgmL - gcr.IL6_neg_pgmL
gcr.IL6_dex250_pgmL_adj	GCR: LPS-stim IL-6+250 nmol dex (pg/mL) - adj		gcr.IL6_dex250_pgmL_adj = gcr.IL6_dex250_pgmL - gcr.IL6_neg_pgmL
gcr.IL1b_pos_pgmL_adj	GCR: LPS-stimulated IL-1b (pg/mL) - adjusted		gcr.IL1b_pos_pgmL_adj = gcr.IL1b_pos_pgmL - gcr.IL1b_neg_pgmL
gcr.IL1b_dex1_pgmL_adj	GCR: LPS-stim IL-1b + 1 nmol dex (pg/mL) - adj		gcr.IL1b_dex1_pgmL_adj = gcr.IL1b_dex1_pgmL - gcr.IL1b_neg_pgmL
gcr.IL1b_dex50_pgmL_adj	GCR: LPS-stim IL-1b+50 nmol dex (pg/mL) - adj		gcr.IL1b_dex50_pgmL_adj = gcr.IL1b_dex50_pgmL - gcr.IL1b_neg_pgmL

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
gcr.IL1b_dex250_pgmL_adj	GCR: LPS-stim IL-1b+250 nmol dex (pg/mL)-adj		gcr.IL1b_dex250_pgmL_adj =gcr.IL1b_dex250_pgmL - gcr.IL1b_neg_pgmL
gcr.TNFa_pos_pgmL_adj	GCR: LPS-stimulated TNFa (pg/mL) - adjusted		gcr.TNFa_pos_pgmL_adj = gcr.TNFa_pos_pgmL - gcr.TNFa_neg_pgmL
gcr.TNFa_dex1_pgmL_adj	GCR: LPS-stimulated TNFa+1 nmol dex (pg/mL) - adj		gcr.TNFa_dex1_pgmL_adj = gcr.TNFa_dex1_pgmL - gcr.TNFa_neg_pgmL
gcr.TNFa_dex50_pgmL_adj	GCR: LPS-stim TNFa+50 nmol dex (pg/mL) - adj		gcr.TNFa_dex50_pgmL_adj =gcr.TNFa_dex50_pgmL - gcr.TNFa_neg_pgmL
gcr.TNFa_dex250_pgmL_adj	GCR: LPS-stim TNFa+250 nmol dex (pg/mL) - adj		gcr.TNFa_dex250_pgmL_adj = gcr.TNFa_dex250_pgmL - gcr.TNFa_neg_pgmL
gcr.IL6_dex_AUC	IL-6 Glucocorticoid Resistance Curve		gcr.IL6_dex_AUC = ((gcr.IL6_pos_pgmL_adj + gcr.IL6_dex1_pgmL_adj) + (gcr.IL6_dex1_pgmL_adj + gcr.IL6_dex50_pgmL_adj)*49 + (gcr.IL6_dex50_pgmL_adj + gcr.IL6_dex250_pgmL_adj)*200)/2.
gcr.IL1b_dex_AUC	IL-1b Glucocortisoid Resistance Curve		gcr.IL1b_dex_AUC = ((gcr.IL1b_pos_pgmL_adj+gcr.IL1b_dex1_pgmL_adj) + (gcr.IL1b_dex1_pgmL_adj + gcr.IL1b_dex50_pgmL_adj)*49 + + (gcr.IL1b_dex50_pgmL_adj + gcr.IL1b_dex250_pgmL_adj)*200)/2.
gcr.TNFa_dex_AUC	TNF-a Glucocorticoid Resistance Curve		gcr.TNFa_dex_AUC=((gcr.TNFa_pos_pgmL_adj+gcr.TNFa_dex1_pgmL_adj) + (gcr.TNFa_dex1_pgmL_adj + gcr.TNFa_dex50_pgmL_adj)*49 + (gcr.TNFa_dex50_pgmL_adj + gcr.TNFa_dex250_pgmL_adj)*200)/2.
lgcr.IL6_neg_pgmL	GCR: unstimulated plasma IL-6 concentration (log_{10})		lgcr.il6_neg_pgmL = log10(gcr.il6_neg_pgmL).
lgcr.IL1b_neg_pgmL	GCR: unstimulated plasma IL-1B conc. (log_{10})		lgcr.il1b_neg_pgmL = log10(gcr.il1b_neg_pgmL).
lgcr.TNFa_neg_pgmL	GCR: unstimulated plasma TNFa concentration (log_{10})		lgcr.TNFa_neg_pgmL = log10(gcr.TNFa_neg_pgmL).
lgcr.IL6_pos_pgmL_adj	GCR: LPS-stimulated plasma IL-6 conc. (log_{10})		lgcr.il6_pos_pgmL = log10(gcr.il6_pos_pgmL).
lgcr.IL6_dex1_pgmL_adj	GCR: LPS-stimulated IL-6 + 1nmol dex (log_{10})		lgcr.il6_dex1_pgmL = log10(gcr.il6_dex1_pgmL).
lgcr.IL6_dex50_pgmL_adj	GCR: LPS-stimulated IL-6 + 50nmol dex (log_{10})		lgcr.il6_dex50_pgmL = log10(gcr.il6_dex50_pgmL).
lgcr.IL6_dex250_pgmL_adj	GCR: LPS-stimulated IL-6 + 250nmol dex (log_{10})		lgcr.il6_dex250_pgmL = log10(gcr.il6_dex250_pgmL).
lgcr.IL6_dex_AUC	GCR: IL-6 Glucocorticoid Resistance Curve (log_{10})		lgcr.il6_dex_AUC = log10(gcr.il6_dex_AUC).
lgcr.IL1b_pos_pgmL_adj	GCR: LPS-stimulated plasma IL-1B conc. (log_{10})		lgcr.il1b_pos_pgmL = log10(gcr.il1b_pos_pgmL).
lgcr.IL1b_dex1_pgmL_adj	GCR: LPS-stimulated IL-1B + 1nmol dex (log_{10})		lgcr.il1b_dex1_pgmL = log10(gcr.il1b_dex1_pgmL).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
lgcr.IL1b_dex50_pgmL_adj	GCR: LPS-stimulated IL-1B + 50nmol dex (log_{10})		lgcr.il1b_dex50_pgmL = log10(gcr.il1b_dex50_pgmL).
lgcr.IL1b_dex250_pgmL_adj	GCR: LPS-stimulated IL-1B + 250nmol dex (log_{10})		lgcr.il1b_dex250_pgmL = log10(gcr.il1b_dex250_pgmL).
lgcr.IL1b_dex_AUC	GCR: IL-1B Glucocortisoid Resistance Curve (log_{10})		lgcr.il1b_dex_AUC = log10(gcr.il1b_dex_AUC).
lgcr.TNFa_pos_pgmL_adj	GCR: LPS-stimulated plasma TNFa conc. (log_{10})		lgcr.TNFa_pos_pgmL = log10(gcr.TNFa_pos_pgmL).
lgcr.TNFa_dex10_pgmL_adj	GCR: LPS-stimulated TNFa + 1nmol dex (log_{10})		lgcr.TNFa_dex1_pgmL = log10(gcr.TNFa_dex1_pgmL).
lgcr.TNFa_dex50_pgmL_adj	GCR: LPS-stimulated TNFa + 50nmol dex (log_{10})		lgcr.TNFa_dex50_pgmL = log10(gcr.TNFa_dex50_pgmL).
lgcr.TNFa_dex250_pgmL_adj	GCR: LPS-stimulated TNFa + 250nmol dex (log_{10})		lgcr.TNFa_dex250_pgmL = log10(gcr.TNFa_dex250_pgmL).
lgcr.TNFa_dex_AUC	GCR: TNFa Glucocorticoid Resistance Curve (log_{10})		lgcr.TNFa_dex_AUC = log10(gcr.TNFa_dex_AUC).
rst	*****RESTING BIOLOGICAL MEASURES*****		
pre_sbp1	Baseline SBP 1 (4-6 wks pre-Quarantine)		
pre_sbp2	Baseline SBP 2 (4-6 wks pre-Quarantine)		
pre_sbp3	Baseline SBP 3 (4-6 wks pre-Quarantine)		
pre_dbp1	Baseline DBP 1 (4-6 wks pre-Quarantine)		
pre_dbp2	Baseline DBP 2 (4-6 wks pre-Quarantine)		
pre_dbp3	Baseline DBP 3 (4-6 wks pre-Quarantine)		
pre_plsp1	Baseline pulse pressure 1 (4-6 wks pre-Quarantine)		
pre_plsp2	Baseline pulse pressure 2 (4-6 wks pre-Quarantine)		
pre_plsp3	Baseline pulse pressure 3 (4-6 wks pre-Quarantine)		
pre_sbp	Avg. Pre-Exposure Systolic BP (4-6 wks pre-Q'rntine)		
pre_dbp	Avg. Pre-Exposure Diastolic BP (4-6 wks pre-Q'rntine)		
pre_plsp	Avg Pre-Exposure Pulse Press (4-6 wks pre-Q'rntine)		
q0.temp_eve	Pre-challenge (Day 0) evening temperature (°F)		
q0.temp_mrn	Pre-challenge (Day 0) morning temperature (°F)		
q0.temp_aft	Pre-challenge (Day 0) afternoon temperature (°F)		

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VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.temp_eve	Post-challenge Day 1 evening temperature (ºF)		
q1.temp_mrn	Post-challenge Day 1 morning temperature (ºF)		
q1.temp_aft	Post-challenge Day 1 afternoon temperature (^{0}F)		
q2.temp_eve	Post-challenge Day 2 evening temperature (^{0}F)		
q2.temp_mrn	Post-challenge Day 2 morning temperature (^{0}F)		
q2.temp_aft	Post-challenge Day 2 afternoon temperature (^{0}F)		
q3.temp_eve	Post-challenge Day 3 evening temperature (^{0}F)		
q3.temp_mrn	Post-challenge Day 3 morning temperature (^{0}F)		
q3.temp_aft	Post-challenge Day 3 afternoon temperature (^{0}F)		
q4.temp_eve	Post-challenge Day 4 evening temperature (^{0}F)		
q4.temp_mrn	Post-challenge Day 4 morning temperature (^{0}F)		
q4.temp_aft	Post-challenge Day 4 afternoon temperature (^{0}F)		
q5.temp_eve	Post-challenge Day 5 evening temperature (^{0}F)		
q5.temp_mrn	Post-challenge Day 5 morning temperature (^{0}F)		
q5.temp_aft	Post-challenge Day 5 afternoon temperature (^{0}F)		
q6.temp_eve	Post-challenge Day 6 evening temperature (^{0}F)		
q6.temp_mrn	Post-challenge Day 6 morning temperature (^{0}F)		
q6.temp_aft	Post-challenge Day 6 afternoon temperature (^{0}F)		
q0.temp	Pre-challenge (Day 0) averge temperature (^{0}F)		
q1.temp	Post-challenge Day 1 averge temperature (^{0}F)		
q2.temp	Post-challenge Day 2 averge temperature (^{0}F)		
q3.temp	Post-challenge Day 3 averge temperature (^{0}F)		
q4.temp	Post-challenge Day 4 averge temperature (^{0}F)		
q5.temp	Post-challenge Day 5 averge temperature (^{0}F)		
q6.temp	Post-challenge Day 6 averge temperature (^{0}F)		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.sbp	Post-challenge Day 1 resting systolic blood pressure		
q2.sbp	Post-challenge Day 2 resting systolic blood pressure		
q3.sbp	Post-challenge Day 3 resting systolic blood pressure		
q4.sbp	Post-challenge Day 4 resting systolic blood pressure		
q5.sbp	Post-challenge Day 5 resting systolic blood pressure		
q6.sbp	Post-challenge Day 6 resting systolic blood pressure		
q1.dbp	Post-challenge Day 1 resting diastolic blood pressure		
q2.dbp	Post-challenge Day 2 resting diastolic blood pressure		
q3.dbp	Post-challenge Day 3 resting diastolic blood pressure		
q4.dbp	Post-challenge Day 4 resting diastolic blood pressure		
q5.dbp	Post-challenge Day 5 resting diastolic blood pressure		
q6.dbp	Post-challenge Day 6 resting diastolic blood pressure		
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
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

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
endo	*****ENDOCRINE DATA*****		
u24.totvol1	Pre-Quarantine (home): 24-hr total urine vol (mL)		
u24.totvol2_15h	Quarantine Day 0: 15-hr total urine vol (mL)		
u24.totvol2_9h	Quarantine Day 0: 9-hr total urine vol (mL)		
u24.totvol2	Quarantine Day 0: 24-hr total urine vol (mL)		u24.totvol2 = sum.2(u24.totvol2_15h, u24.totvol2_9h).
u24.cr_mgvol1	Pre-Q'rntine (home): 24-hr creatinine output (mg/tot vol)		
u24.cr_mgvol2_15h	Quarantine Day 0: 15-hr creatinine output (mg/total vol)		
u24.cr_mgvol2_9h	Quarantine Day 0: 9-hr creatinine output (mg/total vol)		
u24.cr_mgvol2	Quarantine Day 0: 24-hr creatinine output (mcg/total vol)		u24.cr_mgvol2 = sum.2(u24.cr_mgvol2_15h, u24.cr_mgvol2_9h).
u24.epi_mcgvol1	Pre-Quarantine (home): 24-hr E output (mcg/total vol)		u24.epi_mcgvol1 = (u24.epi_ngml1*u24.totvol1)/1000.
u24.ne_mcgvol1	Pre-Quarantine (home): 24-hr NE output (mcg/total vol)		u24.ne_mcgvol1 = (u24.ne_ngml1*u24.totvol1)/1000.
u24.da_mcgvol1	Pre-Quarantine (home): 24-hr DA output (mcg/total vol)		u24.da_mcgvol1 = (u24.da_ngml1*u24.totvol1)/1000.
u24.epi_mcgvol2_15h	Quarantine Day 0: 15-hr E output (mcg/total volume)		u24.epi_mcgvol2_15h = (u24.epi_ngml2_15h*u24.totvol2_15h)/1000.
u24.epi_mcgvol2_9h	Quarantine Day 0: 9-hr E output (mcg/total volume)		u24.epi_mcgvol2_9h = (u24.epi_ngml2_9h*u24.totvol2_9h)/1000.
u24.epi_mcgvol2	Quarantine Day 0: 24-hr total E output (mcg/total vol)		u24.epi_mcgvol2 = sum.2(u24.epi_mcgvol2_9h, u24.epi_mcgvol2_15h).
u24.ne_mcgvol2_15h	Quarantine Day 0: 15-hr NE output (mcg/total volume)		u24.ne_mcgvol2_15h = (u24.ne_ngml2_15h*u24.totvol2_15h)/1000.
u24.ne_mcgvol2_9h	Quarantine Day 0: 9-hr NE output (mcg/total volume)		u24.ne_mcgvol2_9h = (u24.ne_ngml2_9h*u24.totvol2_9h)/1000.
u24.ne_mcgvol2	Quarantine Day 0: 24-hr total NE output (mcg/total vol)		u24.ne_mcgvol2 = sum.2(u24.ne_mcgvol2_9h, u24.ne_mcgvol2_15h).
u24.da_mcgvol2_15h	Quarantine Day 0: 15-hr DA output (mcg/total volume)		u24.da_mcgvol2_15h = (u24.da_ngml2_15h*u24.totvol2_15h)/1000.
u24.da_mcgvol2_9h	Quarantine Day 0: 9-hr DA output (mcg/total volume)		u24.da_mcgvol2_9h = (u24.da_ngml2_9h*u24.totvol2_9h)/1000.
u24.da_mcgvol2	Quarantine Day 0: 24-hr total DA output (mcg/total vol)		u24.da_mcgvol2 = sum.2(u24.da_mcgvol2_9h, u24.da_mcgvol2_15h).
u24.ne1mcg_cr1mg	Pre-Quarantine (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-Quarantine (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.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
u24.da1mcg_cr1mg	Pre-Quarantine (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 w/missing for incomplete samples		do if (female eq 0). do if (u24.cr_mgvol1 gt 1250). compute u24.ne_mcgvol1_new=u24.ne_mcgvol1. else. compute u24.ne_mcgvol1_new=$sysmis. end if. else if (female eq 1). do if (u24.cr_mgvol1 gt 750). compute u24.ne_mcgvol1_new=u24.ne_mcgvol1. else. compute u24.ne_mcgvol1_new=$sysmis. end if. end if.
u24.epi_mcgvol1_new	Pre-Quarantine (home): 24-hr E output w/missing for incomplete samples		do if (female eq 0). do if (u24.cr_mgvol1 gt 1250). compute u24.epi_mcgvol1_new=u24.epi_mcgvol1. else. compute u24.epi_mcgvol1_new=$sysmis. end if. else if (female eq 1). do if (u24.cr_mgvol1 gt 750). compute u24.epi_mcgvol1_new=u24.epi_mcgvol1. else. compute u24.epi_mcgvol1_new=$sysmis. end if. end if.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
u24.da_mcgvol1_new	Pre-Quarantine (home): 24-hr DA output w/missing for incomplete samples		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	Q'tine Day 0: 24-hr NE w/missing for incomplete samples		See above.
u24.epi_mcgvol2_new	Q'tine Day 0: 24-hr E w/missing for incomplete samples		See above.
u24.da_mcgvol2_new	Q'tine Day 0: 24-hr DA w/missing for incomplete samples		See above.
u24.ne_mcgvol_avg	Avg 24-hr NE output (mcg/total vol) - avg 2 collections		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).
u24.ne_cr_avg	Avg 24-hr NE (mcg) / creatinine (mg) - avg 2 collections		u24.ne_cr_avg = mean.2(u24.ne1mcg_cr1mg, u24.ne2mcg_cr2mg).
u24.epi_mcgvol_avg	Avg 24-hr E output (mcg/total volume) - avg 2 collections		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) - avg 2 collections		u24.epi_cr_avg = mean.2(u24.epi1mcg_cr1mg, u24.epi2mcg_cr2mg).
u24.da_mcgvol_avg	Avg 24-hr DA output (mcg/total vol) - avg 2 collections		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) - avg 2 collections		u24.da_cr_avg = mean.2(u24.da1mcg_cr1mg, u24.da2mcg_cr2mg).

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
cort	*****SALIVARY CORTISOL DATA*****		
pre1wake	Pre-Q'rntine (Home) Day 1 wake-up time (hh:mm)		
pre1time1	Pre-Q'rntine (Home) Day 1 sample 1 collection time (hh:mm)		
pre1time2	Pre-Q'rntine (Home) Day 1 sample 2 collection time (hh:mm)		
pre1time3	Pre-Q'rntine (Home) Day 1 sample 3 collection time (hh:mm)		
pre1time4	Pre-Q'rntine (Home) Day 1 sample 4 collection time (hh:mm)		
pre1time5	Pre-Q'rntine (Home) Day 1 sample 5 collection time (hh:mm)		
pre1time6	Pre-Q'rntine (Home) Day 1 sample 6 collection time (hh:mm)		
pre1time7	Pre-Q'rntine (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'rntine (Home) Day 2 sample 1 collection time (hh:mm)		
pre2time2	Pre-Q'rntine (Home) Day 2 sample 2 collection time (hh:mm)		
pre2time3	Pre-Q'rntine (Home) Day 2 sample 3 collection time (hh:mm)		
pre2time4	Pre-Q'rntine (Home) Day 2 sample 4 collection time (hh:mm)		
pre2time5	Pre-Q'rntine (Home) Day 2 sample 5 collection time (hh:mm)		
pre2time6	Pre-Q'rntine (Home) Day 2 sample 6 collection time (hh:mm)		
pre2time7	Pre-Q'rntine (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)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.pre2cort6	Pre-Quarantine (Home) Day 2 wu + 660 cortisol (nmol/l)		
slva.pre2cort7	Pre-Quarantine (Home) Day 2 wu + 840 cortisol (nmol/l)		
q0notes	Notes on Quarantine Day 0 collection		
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)		
q0tnotused	Trial 1 only - 6:30 pm sample time (not used)		
q0cnotused	Trial 1 only - 6:30 pm cortisol (nnmol/l) (not used)		
endrawcort	*****END RAW SALIVARY CORTISOL DATA*****		
pre1_miss	# Missing Saliva Samples, Pre-Quarantine Day 1		
pre2_miss	# Missing Saliva Samples, Pre-Quarantine Day 2		
q0_miss	# Missing Saliva Samples, Quarantine Day 0		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre1_mis2	# Missing Saliva Samples, Pre-Quarantine Day 1	MISS	
pre2_mis2	# Missing Saliva Samples, Pre-Quarantine Day 2	MISS	
q0_mis2	# Missing Saliva Samples, Quarantine Day 0	MISS	
pre1_last4	# good saliva samples of last 4, pre-Quarantine Day 1		
pre2_last4	# good saliva samples of last 4, pre-Quarantine Day 2		
q0_last4	# good saliva samples of last 4, Quarantine Day 0		
pre1good7_9	# good samples in 7hr-9hr pair, pre-Quarantine Day 1		
pre1good9_11	# good samples in 9-hr11-hr pair, pre-Quarantine Day 1		
pre1good11_14	# good samples in 11hr-14hr pair, pre-Quarantine Day 1		
pre2good7_9	# good samples in 7hr-9hr pair, pre-Quarantine Day 2		
pre2good9_11	# good samples in 9-hr11-hr pair, pre-Quarantine Day 2		
pre2good11_14	# good samples in 11hr-14hr pair, pre-Quarantine Day 2		
q0good7_9	# good samples in 7hr-9hr pair, Quarantine Day 0		
q0good9_11	# good samples in 9-hr11-hr pair, Quarantine Day 0		
q0good11_14	# good samples in 11hr-14hr pair, Quarantine Day 0		
pre1diff12	Pre-Q'rntine (Home) Day 1: time between samples 1&2 (min)		pre1diff12 = datediff(pre1time2, pre1time1, "minutes").
pre1diff23	Pre-Q'rntine (Home) Day 1: time between samples 2&3 (min)		pre1diff23 = datediff(pre1time3, pre1time2, "minutes").
pre1diff34	Pre-Q'rntine (Home) Day 1: time between samples 3&4 (min)		pre1diff34 = datediff(pre1time4, pre1time3, "minutes").
pre1diff45	Pre-Q'rntine (Home) Day 1: time between samples 4&5 (min)		pre1diff45 = datediff(pre1time5, pre1time4, "minutes").
pre1diff56	Pre-Q'rntine (Home) Day 1: time between samples 5&6 (min)		pre1diff56 = datediff(pre1time6, pre1time5, "minutes").
pre1diff67	Pre-Q'rntine (Home) Day 1: time between samples 6&7 (min)		pre1diff67 = datediff(pre1time7, pre1time6, "minutes").
pre1diff57	Pre-Q'rntine (Home) Day 1: time between samples 5&7 (min)		pre1diff57 = datediff(pre1time7, pre1time5, "minutes").
pre1diff46	Pre-Q'rntine (Home) Day 1: time between samples 4&6 (min)		pre1diff46 = datediff(pre1time6, pre1time4, "minutes").
pre1diff35	Pre-Q'rntine (Home) Day 1: time between samples 3&5 (min)		pre1diff35 = datediff(pre1time5, pre1time3, "minutes").
pre1diff47	Pre-Q'rntine (Home) Day 1: time between samples 4&7 (min)		pre1diff47 = datediff(pre1time7, pre1time4, "minutes").
pre1diff36	Pre-Q'rntine (Home) Day 1: time between samples 3&6 (min)		pre1diff36 = datediff(pre1time6, pre1time3, "minutes").

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre1diffwu1	Pre-Q'tine (Home) Day 1: time between wake-up & sample 1		pre1diffwu1 = datediff(pre1time1, pre1wake, "minutes").
pre1diffwu2	Pre-Q'tine (Home) Day 1: time between wake-up & sample 2		pre1diffwu2 = datediff(pre1time2, pre1wake, "minutes").
pre1diffwu3	Pre-Q'tine (Home) Day 1: time between wake-up & sample 3		pre1diffwu3 = datediff(pre1time3, pre1wake, "minutes").
pre1diffwu4	Pre-Q'tine (Home) Day 1: time between wake-up & sample 4		pre1diffwu4 = datediff(pre1time4, pre1wake, "minutes").
pre1diffwu5	Pre-Q'tine (Home) Day 1: time between wake-up & sample 5		pre1diffwu5 = datediff(pre1time5, pre1wake, "minutes").
pre1diffwu6	Pre-Q'tine (Home) Day 1: time between wake-up & sample 6		pre1diffwu6 = datediff(pre1time6, pre1wake, "minutes").
pre1diffwu7	Pre-Q'tine (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	OUT2	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	OUT2	if ((pre1diffwu2<60) or (pre1diffwu2>180)) pre1cort2_out = 1. if ((pre1diffwu2 ge 60) and (pre1diffwu2 le 180)) pre1cort2_out = 0.
pre1cort3_out	Pre-Quarantine (Home) Day 1: sample 3 outside window	OUT2	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	OUT2	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	OUT2	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	OUT2	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	OUT2	if ((pre1diffwu7<780) or (pre1diffwu7>900)) pre1cort7_out = 1. if ((pre1diffwu7 ge 780) and (pre1diffwu7 le 900)) pre1cort7_out = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.pre1cort1_win	Pre-Q'rntine (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'tine (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'tine (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'tine (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'tine (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'tine (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'tine (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'rntine (Home) Day 2: time between samples 1&2 (min)		pre2diff12 = datediff(pre2time2, pre2time1, "minutes").
pre2diff23	Pre-Q'rntine (Home) Day 2: time between samples 2&3 (min)		pre2diff23 = datediff(pre2time3, pre2time2, "minutes").
pre2diff34	Pre-Q'rntine (Home) Day 2: time between samples 3&4 (min)		pre2diff34 = datediff(pre2time4, pre2time3, "minutes").
pre2diff45	Pre-Q'rntine (Home) Day 2: time between samples 4&5 (min)		pre2diff45 = datediff(pre2time5, pre2time4, "minutes").
pre2diff56	Pre-Q'rntine (Home) Day 2: time between samples 5&6 (min)		pre2diff56 = datediff(pre2time6, pre2time5, "minutes").
pre2diff67	Pre-Q'rntine (Home) Day 2: time between samples 6&7 (min)		pre2diff67 = datediff(pre2time7, pre2time6, "minutes").
pre2diff57	Pre-Q'rntine (Home) Day 2: time between samples 5&7 (min)		pre2diff57 = datediff(pre2time7, pre2time5, "minutes").
pre2diff46	Pre-Q'rntine (Home) Day 2: time between samples 4&6 (min)		pre2diff46 = datediff(pre2time6, pre2time4, "minutes").
pre2diff35	Pre-Q'rntine (Home) Day 2: time between samples 3&5 (min)		pre2diff35 = datediff(pre2time5, pre2time3, "minutes").
pre2diff47	Pre-Q'rntine (Home) Day 2: time between samples 4&7 (min)		pre2diff47 = datediff(pre2time7, pre2time4, "minutes").

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre2diff36	Pre-Q'rntine (Home) Day 2: time between samples 3&6 (min)		pre2diff36 = datediff(pre2time6, pre2time3, "minutes").
pre2diffwu1	Pre-Q'tine (Home) Day 2: time between wake-up & sample 1		pre2diffwu1 = datediff(pre2time1, pre2wake, "minutes").
pre2diffwu2	Pre-Q'tine (Home) Day 2: time between wake-up & sample 2		pre2diffwu2 = datediff(pre2time2, pre2wake, "minutes").
pre2diffwu3	Pre-Q'tine (Home) Day 2: time between wake-up&sample 3		pre2diffwu3 = datediff(pre2time3, pre2wake, "minutes").
pre2diffwu4	Pre-Q'tine (Home) Day 2: time between wake-up & sample 4		pre2diffwu4 = datediff(pre2time4, pre2wake, "minutes").
pre2diffwu5	Pre-Q'tine (Home) Day 2: time between wake-up & sample 5		pre2diffwu5 = datediff(pre2time5, pre2wake, "minutes").
pre2diffwu6	Pre-Q'tine (Home) Day 2: time between wake-up & sample 6		pre2diffwu6 = datediff(pre2time6, pre2wake, "minutes").
pre2diffwu7	Pre-Q'tine (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	OUT2	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	OUT2	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	OUT2	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	OUT2	if ((pre2diffwu4<360) or (pre2diffwu4>480)) pre2cort4_out = 1. if ((pre2diffwu4 ge 360) and (pre2diffwu4 le 480)) pre2cort4_out = 0.
pre2cort5_out	Pre-Quarantine (Home) Day 2: sample 5 outside window	OUT2	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	OUT2	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	OUT2	if ((pre2diffwu7<780) or (pre2diffwu7>900)) pre2cort7_out = 1. if ((pre2diffwu7 ge 780) and (pre2diffwu7 le 900)) pre2cort7_out = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.pre2cort1_win	Pre-Q'rntine (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'tine (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'tine (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'tine (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'tine (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'tine (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'tine (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'tine Day 0: time between actual wake-up time & sample 1		q0diffwu1 = datediff(q0time1, q0wake, "minutes").
q0diff12	Q'rntine Day 0: time between sample collections 1&2 (min)		q0diff12 = datediff(q0time2, q0time1, "minutes").
q0diff23	Q'rntine Day 0: time between sample collections 2&3 (min)		q0diff23 = datediff(q0time3, q0time2, "minutes").
q0diff34	Q'rntine Day 0: time between sample collections 3&4 (min)		q0diff34 = datediff(q0time4, q0time3, "minutes").
q0diff45	Q'rntine Day 0: time between sample collections 4&5 (min)		q0diff45 = datediff(q0time5, q0time4, "minutes").
q0diff56	Q'rntine Day 0: time between sample collections 5&6 (min)		q0diff56 = datediff(q0time6, q0time5, "minutes").
q0diff67	Q'rntine Day 0: time between sample collections 6&7 (min)		q0diff67 = datediff(q0time7, q0time6, "minutes").
q0diff78	Q'rntine Day 0: time between sample collections 7&8 (min)		q0diff78 = datediff(q0time8, q0time7, "minutes").
q0diff46	Q'rntine Day 0: time between sample collections 4&6 (min)		q0diff46 = datediff(q0time6, q0time4, "minutes").
q0diff47	Q'rntine Day 0: time between sample collections 4&7 (min)		q0diff47 = datediff(q0time7, q0time4, "minutes").

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0diff57	Q'rntine Day 0: time between sample collections 5&7 (min)		q0diff57 = datediff(q0time7, q0time5, "minutes").
q0diff58	Q'rntine Day 0: time between sample collections 5&8 (min)		q0diff58 = datediff(q0time8, q0time5, "minutes").
q0diff68	Q'rntine Day 0: time between sample collections 6&8 (min)		q0diff68 = datediff(q0time8, q0time6, "minutes").
q0diffwu2	Q'tine Day 0: time between actual wake-up time & sample 2		q0diffwu2 = datediff(q0time2, q0wake, "minutes").
q0diffwu3	Q'tine Day 0: time between expected wake-up (8AM) & sample 3		q0diffwu3 = datediff(q0time3, q0wake, "minutes").
q0diffwu4	Q'tine Day 0: time between expected wake-up (8AM) & sample 4		q0diffwu4 = datediff(q0time4, q0wake, "minutes").
q0diffwu5	Q'tine Day 0: time between expected wake-up (8AM) & sample 5		q0diffwu5 = datediff(q0time5, q0wake, "minutes").
q0diffwu6	Q'tine Day 0: time between expected wake-up (8AM) & sample 6		q0diffwu6 = datediff(q0time6, q0wake, "minutes").
q0diffwu7	Q'tine Day 0: time between expected wake-up (8AM) & sample 7		q0diffwu7 = datediff(q0time7, q0wake, "minutes").
q0diffwu8	Q'tine Day 0: time between expected wake-up (8AM) & sample 8		q0diffwu8 = datediff(q0time8, q0wake, "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 **q0diff12** is provided as an example): if (q0diff12 < 0) q0diff12 = q0diff12+1440.
q0cort1_out	Q'rntine Day 0: sample 1 outside window	OUT2	if (q0diffwu1>30) q0cort1_out = 1.
			if (q0diffwu1 le 30) q0cort1_out = 0.
q0cort2_out	Q'rntine Day 0: sample 2 outside window	OUT2	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	OUT2	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	OUT2	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	OUT2	if ((q0diffwu5<240) or (q0diffwu5>360)) q0cort5_out = 1.
			if ((q0diffwu5 ge 240) and (q0diffwu5 le 360)) q0cort5_out = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0cort6_out	Q'rntine Day 0: sample 6 outside window	OUT2	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	OUT2	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	OUT2	if ((q0diffwu8<780) or (q0diffwu8>900)) q0cort8_out = 1.
			if ((q0diffwu8 ge 780) and (q0diffwu8 le 900)) q0cort8_out = 0.
slva.q0cort1_win	Q'rntine Day 0: wake-up cortisol (nmol/l) - sample 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) - sample 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) - sample 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) - sample 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) - sample 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.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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'tine (Home) Day 1 Cort AUC - samples in window		
slva.pre2cort_auc	Pre-Quarantine (Home) Day 2 Cortisol AUC		
slva.pre2cort_auc_win	Pre-Q'rntine (Home) Day 2 Cort 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'tine (Home) Day 1 Cort AUC - in window (log_{10})		log_pre1cort_auc_win = log10(slva.pre1cort_auc_win)
log_pre2cort_auc	Pre-Quarantine (Home) Day 2 Cortisol AUC (log10)		log_pre2cort_auc = log10(slva.pre2cort_auc)
log_pre2cort_auc_win	Pre-Q'tine (Home) Day 2 Cort AUC - in window (log_{10})		log_pre2cort_auc_win = log10(slva.pre2cort_auc_win)
log_q0cort_auc	Q'rntine Day 0 Cortisol AUC (log_{10})		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)
pre1wakeup	Pre-Q'tine (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'rntine (Home) Day 1 wu+60 cort - adj for wake-up		adj.pre1cort1=14.256+pre1cort1_resid; if (adj.pre1cort1<0) adj.pre1cort1=0.
adj.pre1cort2	Pre-Q'tine (Home) Day 1 wu+120 cort - adj for wake-up		adj.pre1cort2=9.702 + pre1cort2_resid; if (adj.pre1cort2<0) adj.pre1cort2=0.
adj.pre1cort3	Pre-Q'tine (Home) Day 1 wu+240 cort - adj for wake-up		adj.pre1cort3=8.040 + pre1cort3_resid; if (adj.pre1cort3<0) adj.pre1cort3=0.
adj.pre1cort4	Pre-Q'tine (Home) Day 1 wu+420 cort - adj for wake-up		adj.pre1cort4=5.539 + pre1cort4_resid; if (adj.pre1cort4<0) adj.pre1cort4=0.
adj.pre1cort5	Pre-Q'tine (Home) Day 1 wu+540 cort - adj for wake-up		adj.pre1cort5=4.937 + pre1cort5_resid; if (adj.pre1cort5<0) adj.pre1cort5=0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
adj.pre1cort6	Pre-Q'tine (Home) Day 1 wu+660 cort - adj for wake-up		adj.pre1cort6=3.988 + pre1cort6_resid; if (adj.pre1cort6<0) adj.pre1cort6=0.
adj.pre1cort7	Pre-Q'tine (Home) Day 1 wu + 840 cort - adj for wake-up		adj.pre1cort7=4.409 + pre1cort7_resid; if (adj.pre1cort7<0) adj.pre1cort7=0.
pre2wakeup	Pre-Q'tine (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'rntine (Home) Day 2 wu+60 cort - adj for wake-up		adj.pre2cort1=13.087+pre2cort1_resid; if (adj.pre2cort1<0) adj.pre2cort1=0.
adj.pre2cort2	Pre-Q'tine (Home) Day 2 wu+120 cort - adj for wake-up		adj.pre2cort2=9.177 + pre2cort2_resid; if (adj.pre2cort2<0) adj.pre2cort2=0.
adj.pre2cort3	Pre-Q'tine (Home) Day 2 wu+240 cort - adj for wake-up		adj.pre2cort3=6.685 + pre2cort3_resid; if (adj.pre2cort3<0) adj.pre2cort3=0.
adj.pre2cort4	Pre-Q'tine (Home) Day 2 wu+420 cort - adj for wake-up		adj.pre2cort4=5.882 + pre2cort4_resid; if (adj.pre2cort4<0) adj.pre2cort4=0.
adj.pre2cort5	Pre-Q'tine (Home) Day 2 wu+540 cort - adj for wake-up		adj.pre2cort5=4.765 + pre2cort5_resid; if (adj.pre2cort5<0) adj.pre2cort5=0.
adj.pre2cort6	Pre-Q'tine (Home) Day 2 wu+660 cort - adj for wake-up		adj.pre2cort6=4.071 + pre2cort6_resid; if (adj.pre2cort6<0) adj.pre2cort6=0.
adj.pre2cort7	Pre-Q'tine (Home) Day 2 wu+840 cort - adj for wake-up		adj.pre2cort7=3.730 + pre2cort7_resid; if (adj.pre2cort7<0) adj.pre2cort7=0.
q0wakeup	Quarantine Day 0 wake-up time (minutes past midnight)		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		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
adj.q0cort1	Quarantine Day 0 wake-up cortisol - adj for wake-up time		adj.q0cort1 = 10.329 + q0cort1_resid; if (adj.q0cort1 lt 0) adj.q0cort1 = 0.
adj.q0cort2	Q'rntine Day 0 wu + 60 cortisol - adj for wake-up time		adj.q0cort2 = 14.139 + q0cort2_resid; if (adj.q0cort2 lt 0) adj.q0cort2 = 0.
adj.q0cort3	Q'rntine Day 0 10:00 am cortisol - adj for wake-up time		adj.q0cort3 = 6.758 + q0cort3_resid; if (adj.q0cort3 lt 0) adj.q0cort3 = 0.
adj.q0cort4	Q'rntine Day 0 11:55 am cortisol – adj for wake-up time		adj.q0cort4 = 4.877 + q0cort4_resid; if (adj.q0cort4 lt 0) adj.q0cort4 = 0.
adj.q0cort5	Q'rntine Day 0 1:00 pm cortisol - adj for wake-up time		adj.q0cort5 = 5.956 + q0cort5_resid; if (adj.q0cort5 lt 0) adj.q0cort5 = 0.
adj.q0cort6	Q'rntine Day 0 3:00 pm cortisol - adj for wake-up time		adj.q0cort6 = 3.877 + q0cort6_resid; if (adj.q0cort6 lt 0) adj.q0cort6 = 0.
adj.q0cort7	Q'rntine Day 0 5:00 pm cortisol - adj for wake-up time		adj.q0cort7 = 4.128 + q0cort7_resid; if (adj.q0cort7 lt 0) adj.q0cort7 = 0.
adj.q0cort8	Q'rntine Day 0 10:00 pm cortisol - adj for wake-up time		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 - adj wake-up, in win		See computation of Pre-Quarantine Day 1 in-window variables above.
adj.pre1cort2_win	Pre-Q' (Home) Day 1 wu+120 cort - adj wake-up, in win		
adj.pre1cort3_win	Pre-Q' (Home) Day 1 wu+240 cort - adj wake-up, in win		
adj.pre1cort4_win	Pre-Q' (Home) Day 1 wu+420 cort - adj wake-up, in win		
adj.pre1cort5_win	Pre-Q' (Home) Day 1 wu+540 cort - adj wake-up, in win		
adj.pre1cort6_win	Pre-Q' (Home) Day 1 wu+660 cort - adj wake-up, in win		
adj.pre1cort7_win	Pre-Q' (Home) Day 1 wu+840 cort - adj wake-up, in win		
adj.pre2cort1_win	Pre-Q' (Home) Day 2 wu+60 cort - adj wake-up, in win		See computation of Pre-Quarantine Day 2 in-window variables above.
adj.pre2cort2_win	Pre-Q' (Home) Day 2 wu+120 cort - adj wake-up, in win		
adj.pre2cort3_win	Pre-Q' (Home) Day 2 wu + 240 cort - adj wake-up, in win		
adj.pre2cort4_win	Pre-Q' (Home) Day 2 wu + 420 cort - adj wake-up, in win		
adj.pre2cort5_win	Pre-Q' (Home) Day 2 wu + 540 cort - adj wake-up, in win		
adj.pre2cort6_win	Pre-Q' (Home) Day 2 wu + 660 cort - adj wake-up, in win		
adj.pre2cort7_win	Pre-Q' (Home) Day 2 wu + 840 cort - adj wake-up, in win		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
adj.q0cort1_win	Q'rntine Day 0 wake-up cortisol - adj wake-up, in window		See computation of Quarantine Day 0 in-window variables above.
adj.q0cort2_win	Q'rntine Day 0 wu+60 cortisol - adj wake-up, in window		
adj.q0cort3_win	Q'rntine Day 0 10:00 am cortisol - adj wake-up, in win		
adj.q0cort4_win	Quarantine Day 0 11:55 am cortisol - adj wake-up, in win		
adj.q0cort5_win	Quarantine Day 0 1:00 pm cortisol - adj wake-up, in win		
adj.q0cort6_win	Quarantine Day 0 3:00 pm cortisol - adj wake-up, in win		
adj.q0cort7_win	Quarantine Day 0 5:00 pm cortisol - adj wake-up, in win		
adj.q0cort8_win	Quarantine Day 0 10:00 pm cortisol - adj wake-up, in win		
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'rntine (Home) Day 1 Adj Cort AUC - samples in win		
adj.pre2cort_auc	Pre-Quarantine (Home) Day 2 Adjusted Cortisol AUC		
adj.pre2cort_auc_win	Pre-Q'rntine (Home) Day 2 Adj Cort AUC - samples in win		
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-Q'rntine (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 Cortisol AUC - in window (log_{10})		ladj.pre1cort_auc_win = log10(adj.pre1cort_auc_win).
ladj.pre2cort_auc	Pre-Quarantine (Home) Day 2 Adj Cortisol AUC (log_{10})		ladj.pre2cort_auc = log10(adj.pre2cort_auc).
ladj.pre2cort_auc_win	Pre-Q' (Home) Day 2 Adj Cortisol AUC - in window (log_{10})		ladj.pre2cort_auc_win = log10(adj.pre2cort_auc_win).
ladj.q0cort_auc	Q'rntine Day 0 Adjusted Cortisol AUC (log_{10})		ladj.q0cort_auc = log10(adj.q0cort_auc).
ladj.q0cort_auc_win	Q'rntine Day 0 Adj Cortisol AUC – in window (log_{10})		ladj.q0cort_auc_win = log10(adj.q0cort_auc_win).
cbc	*****SCREENING CBC & BLOOD CHEMISTRY DATA*****		
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)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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)		
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)		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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.

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	OUT1	0=not an outlier
RHNQUL	0=none				1=outlier: >2 SD below mean
	1=serous	RHNCOL	0=none		2=outlier: >2 SD above mean
	2=sero-mucinous		1=colorless		
	3=mucinous		2=white	OUT2	0=outside window
	4=purulent		3=yellow		1=not outside window

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.

Return to ToC

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
DEMO	*****BEGIN 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. degree	EDUCAD	if (educ.9level ge 7) educ4cat = 4; educ.ba = 1.
educ.ba	educational attainment: bachelor's degree or higher	EDUCBA	
educ.18level	18-category educational attainment (highest grade/year)	EDUC18	

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	if (sni.emplout = 0) employed = 0; if (sni.emplout = 1) employed = 1.
empl.fulltime	employment status: employed full-time		
empl.parttime	employment status: employed part-time		

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
empl.unemp	employment status: unemployed, looking for work	YES/NO	
empl.retired	employment status: retired		
empl.home_raw	employment status: homemaker (in addition to job)		
empl.home	employment status: homemaker (primary activity)		Scored as "yes" if no status other than homemaker is indicated
empl.disabled	employment status: disabled		
empl.other_raw	employment status: other work status (RAW)		
empl.other	employment status: other work status	VALIDEMP	Scored as "yes" if no other employment status is indicated
empl.other_str	other work status specified		
empl.status	7-catgory employment status variable	EMPL7	
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
sescom	Subjective SES: community ladder score (range, 1 to 9)		
sesusa	Subjective SES: USA ladder score (range, 1 to 9)		
vacation	In the past year, how many vacations did you take out of town?	VACATION	

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
ch.agec1	child 1 age		
ch.lwc1	live with child 1	YES/NO	
ch.bpc1	biological parent child 1	YES/NO	
ch.sbpc1	spouse biological parent child 1	YES/NO	
ch.agec2	child 2 age		
ch.lwc2	live with child 2	YES/NO	
ch.bpc2	biological parent child 2	YES/NO	
ch.sbpc2	spouse biological parent child 2	YES/NO	
ch.agec3	child 3 age		
ch.lwc3	live with child 3	YES/NO	
ch.bpc3	biological parent child 3	YES/NO	
ch.sbpc3	spouse biological parent child 3	YES/NO	
ch.agec4	child 4 age		
ch.lwc4	live with child 4	YES/NO	
ch.bpc4	biological parent child 4	YES/NO	
ch.sbpc4	spouse biological parent child 4	YES/NO	
ch.agec5	child 5 age		
ch.lwc5	live with child 5	YES/NO	
ch.bpc5	biological parent child 5	YES/NO	
ch.sbpc5	spouse biological parent child 5	YES/NO	
ch.agec6	child 6 age		
ch.lwc6	live with child 6	YES/NO	
ch.bpc6	biological parent child 6	YES/NO	
ch.sbpc6	spouse biological parent child 6	YES/NO	
ch.agec7	child 7 age		
ch.lwc7	live with child 7	YES/NO	
ch.bpc7	biological parent child 7	YES/NO	
ch.sbpc7	spouse biological parent child 7	YES/NO	
ch.agec8	child 8 age		
ch.lwc8	live with child 8	YES/NO	

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
ch.bpc8	biological parent child 8	YES/NO	
ch.sbpc8	spouse biological parent child 8	YES/NO	
ch.agec9	child 9 age		
ch.lwc9	live with child 9	YES/NO	
ch.bpc9	biological parent child 9	YES/NO	
ch.sbpc9	spouse biological parent child 9	YES/NO	
ch.agec10	child 10 age		
ch.lwc10	live with child 10	YES/NO	
ch.bpc10	biological parent child 10	YES/NO	
ch.sbpc10	spouse biological parent child 10	YES/NO	
ch.total	Total children		ch.total = nvalid(ch.agec1 to ch.agec10).
ch.any	Any children?	YES/NO	if ch.total = 0 ch.any = 0; if ch.total gt 0 ch.any = 1.
ch.live_tot	Total children living with participant		ch.live_tot = sum(ch.lwc1 to ch.lwc10); if ch.any = 0 ch.live_tot = 0.
ch.lt18_tot	Total children under age 18		count ch.lt18_tot = ch.agec1 to ch.agec10 (0 thru 17).
ch.lt18live_tot	Total children under age 18 living with participant		Created by summing variables representing whether each child (a) is under 18 and (b) lives with the participant: if not(missing(ch.agec**X**)) and ch.agec**X** lt 18 and ch.lwc**X** = 1 *varX* = 1. else *varX* = 0. **NOTE:** All 10 *varX* variables have been dropped from the data set.

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	EDUC18	1=no formal education
	1=female		2=less than HS, completed VO/TECH		2=1st grade
			3=Completed high school		3=2nd grade
RACE6	1=White/Caucasian		4=HS + VO/TECH program		4=3rd grade
	2=Black/African-American		5=Less than 2 yrs college		5=4th grade
	3=Native American, Eskimo, Aleut		6=2+ years + degree		6=5th grade
	4=Asian or Pacific Islander		7=Bachelor's degree		7=6th grade
	5=Hispanic		8=Master's degree		8=7th grade
	6=Other		9=PhD, MD, or other higher degree		9=8th grade
					10=9th grade
RACEW	0=all others	EDUC4	1=HS grad or lower		11=10th grade
	1=White/Caucasian		2=some college, but lt 2 yrs		12=11th grade
			3=2+ yrs college + degree		13=12th grade/high school diploma/GED
RACEB	0=all others		4=bachelor's degree or higher		14=vocational training school after high school
	1=Black/African-American				15=some college/associate's degree
		EDUCHS	0=all others		16=college graduate (4 or 5 year program)
RACEN	0=all others		1=HS grad or lower		17=master's degree (or other post-graduate training)
	1=Native American, Eskimo, Aleut				18=doctoral degree (PhD, MD, EdD, DVM, DDS, JD, etc.)
		EDUCSC	0=all others		
RACEA	0=all others		1=some college, but < 2 yrs	EMPL7	1=full time
	1=Asian or Pacific Islander				2=part time
		EDUCAD	0=all others		3=unemployed
RACEH	0=all others		1=2+ yrs college + degree		4=retired
	1=Hispanic				5=homemaker
		EDUCBA	0=all others		6=disabled
RACEO	0=all others		1=bachelor's degr or higher		7=other
	1='other' race/ethnicity				

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

CODE	VALUE LABELS	CODE	VALUE LABELS
YES/NO	0=no	INCOME	1=less than $5,000
	1=yes		2=$5,000-$9,999
			3=$10,000-$14,999
VALIDEMP	0=unchecked		4=$15,000-$19,999
	1=valide "other" employment status		5=$20,000-$29,999
			6=$30,000-$39,999
VACATION	0=none		7=$40,000-$49,999
	1=1		8=$50,000-$59,999
	2=2		9=$60,000-$74,999
	3=3		10=$75,000-$99,999
	4=4		11=$100,000-$124,999
	5=5 or more		12=$125,000-$149,999
			13=$150,000 or more

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.quitmo	SMK: month quit smoking		
smk.quityr	SMK: year quit smoking		
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.

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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.
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.quitmo	ALC: month quit drinking		
alc.quityr	ALC: year quit drinking		
alc.qtdate	ALC: when quit drinking (date format)		
phys	*****PHYSICAL ACTIVITY*****		
act.weekly	ACT: engage in regular physical activity at least once a week	YES/NO	
act.numdys	ACT: times per week of physical activity		
act.flgts	ACT: # flights stairs climb up each day		
act.blocks	ACT: # city blocks regularly walk/day		
act.sprt1_str	ACT: activity 1 -- past week		
act.sprt2_str	ACT: activity 2 -- past week		
act.sprt3_str	ACT: activity 3 -- past week		
act.sprt4_str	ACT: activity 4 -- past week		
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		

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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
slp	*****SELF-REPORTED SLEEP*****		
psqi.bdhr	PSQI: usual bedtime during past month (hour)		
psqi.bdmin	PSQI: usual bedtime during past month (minutes)		
psqi.wkhr	PSQI: usual wake-up time during past month (hour)		
psqi.wkmin	PSQI: usual wake-up time during past month (minutes)		
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	PSQIFRQ	
psqi.nap	PSQI: frequency of naps during the day in the past month	PSQIFRQ	
psqi.bedtime	PSQI: usual bedtime during past month (24-hr time)		
psqi.waktim	PSQI: usual wake-time during past month (24-hr time)		
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
psqi.duration	PSQI: sleep duration (hrs in bed - hrs sleep lost)		psqi.duration = (psqi.hrsbed-psqi.hrslost).
psqi.efficiency	PSQI: sleep efficiency		psqi.efficiency = [(psqi.hrsbed-psqi.hrslost)/psqi.hrsbed]*100.
brk	*****BREAKFAST DATA*****		
brk.freq	Frequency of eating breakfast	BRKFRQ	
brk.never	Never eat breakfast	BRKFRQ	

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	BRKFRQ	1=never
	1=yes		1=1 day		2=less than once a week
			2=both days		3=once or twice a week
SMKFRQ	1=at least once a week		6=occasionally drink on a weekend day		4=most days (3-6)
	2=at least once a month				5=every day
	3=less than once a month	PSQIQUL	0=very good		
			1=fairly good		
WKDAY	0=never drink on a weekday		2=fairly bad		
	1=1 day		3=very bad		
	2=2 days				
	3=3 days	PSQIFRQ	0=never		
	4=4 days		1=less than once a week		
	5=5 days		2=once or twice a week		
	6=occasionally drink on a weekday		3=3+ times per week		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
PSYCHSOC	*****BEGIN PSYCHOLOGICAL AND SOCIAL DATA*****		
staq	*****STATE ADJECTIVE QUESTIONNNAIRE*****		
staq.happy	StAQ: happy (past week)	STAQ	
staq.edge	StAQ: on edge (past week)		
staq.fpep	StAQ: full of pep (past week)		
staq.deprs	StAQ: depressed (past week)		
staq.calm	StAQ: calm (past week)		
staq.hostl	StAQ: hostile (past week)		
staq.plsd	StAQ: pleased (past week)		
staq.nervs	StAQ: nervous (past week)		
staq.enrg	StAQ: energetic (past week)		
staq.unhpy	StAQ: unhappy (past week)		
staq.ease	StAQ: at ease (past week)		
staq.rsntfl	StAQ: resentful (past week)		
staq.chrfl	StAQ: cheerful (past week)		
staq.tense	StAQ: tense (past week)		
staq.lvly	StAQ: lively (past week)		
staq.sad	StAQ: sad (past week)		
staq.rlxd	StAQ: relaxed (past week)		
staq.ang	StAQ: angry (past week)		
stas	*****STATE AFFECT SCALE VARIABLES*****		
stas.angscr	StAS: State Anger Subscale Score (past week)		stas.angscr = mean.2(stas.hostl, stas.rsntfl, stas.ang)*3.
stas.anxscr	StAS: State Anxiety Subscale Score (past week)		stas.anxscr = mean.2(stas.edge, stas.nervs, stas.tense)*3.
stas.dprsscr	StAS: State Depression Subscale Score (past week)		stas.dprsscr = mean.2(stas.sad, stas.deprs, stas.unhpy)*3.
stas.negaf	StAS: State Negative Affect (past week)		stas.negaf = sum.3(stas.angscr, stas.anxscr, stas.dprsscr).
stas.wlbgscr	StAS: State Well-being Subscale Score (past week)		stas.wlbgscr = mean.2(stas.happy, stas.plsd, stas.chrfl)*3.
stas.vigscr	StAS: State Vigor Subscale Score (past week)		stas.vigscr = mean.2(stas.lvly, stas.fpep, stas.enrg)*3.
stas.calmscr	StAS: State Calm Subscale Score (past week)		stas.calmscr = mean.2(stas.ease, stas.calm, stas.rlxd)*3.
stas.posaf	StAS: State Postive Affect (past week)		stas.posaf = sum.3(stas.vigscr, stas.wlbgscr, stas.calmscr).

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
mrtlstat	*****MARITAL/RELATIONSHIP STATUS*****		
mrfl11	marital status		
mrfl11a	do you have a steady boy/girlfriend	YES/NO	
mrfl11b_str	first name and last initial of your boy/girl friend		
mrfl2	mrfl2 – what do you think the chances are that you and your partner Will still be together 5 years from now?	CHANCE	
married	Married or not	MAR	
really_married	Legally married, or marriage-like?	MAR2	
legally_married	Currently married	T/F	if (really_married = 1) legally_married = 1; if (really_married ne 1) legally_married = 0;
marriage_like	Currently living in marriage-like relationship	T/F	if (really_married = 2) marriage_like = 1; if (really_married ne 2) marriage_like = 0;
bandk	*****BRAIKER & KELLEY MARITAL CONFLICT SCALE*****		
bk.chngsp	B&K: try to change things about your spouse that bother you	B&K	
bk.serprob	B&K: to what extent are problems or arguments w/spouse serious		
bk.comneg	B&K: communicate negative feelings toward your spouse		
bk.frqarg	B&K: how often do you and your spouse argue with each other	B&KFRQ	
bk.frqang	B&K: how often do you feel angry or resentful toward your spouse		
bk.total	B&K: Braiker & Kelley Marital Conflict Scale Total Score		bk.total = sum.5(bk.chngsp,bk.serprob,bk.comneg,bk.frqarg, bk.frq.ang).
ccss	*****COHEN CRAPPY SPOUSE SCALE*****		
ccss.frqarg	CCSS: how often do you argue with your spouse	CCSS	
ccss.spscrt	CCSS: how often does your spouse criticize you		
ccss.spscmpln	CCSS: how often does spouse complain about your behavior		
ccss.spsprvnt	CCSS: how often spouse prevent you from doing something you want to do		
ccss.total	CCSS: Cohen Crappy Spouse Scale Total Score		ccss.total = sum.4(ccss.frqarg, ccss.spscrt, ccss.spscmpln, ccss.spsprvnt).
intim	*****CLARK MARITAL INTIMACY SCALE*****		
cmi1	CMI: item #1 - care about partner's needs	CMI	
cmi2	CMI: item #2 - wish my partner understood me better		
cmi3	CMI: item #3 - like my partner		
cmi4	CMI: item #4 - my partner neglects me		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cmi5	CMI: item #5 - easy for me to identify with my partner	CMI	
cmi6	CMI: item #6 - partner always trying to change me		
cmi7	CMI: item #7 - taking care of partner makes me happy		
cmi8	CMI: item #8 - partner can relate to me		
cmi9	CMI: item #9 - wish my partner were someone else		
cmi10	CMI: item #10 - partner works hard to make me happy		
cmi11	CMI: item #11 - feels as though partner and I from different planets		
cmi12	CMI: item #12 - my partner likes me		
cmi13	CMI: item #13 - would do anything to help partner		
cmi14	CMI: item #14 - partner often does not seem to get what I say		
cmi15	CMI: item #15 - I think my partner is a terrific person		
cmi16	CMI: item #16 - my partner ignores my complaints		
cmi17	CMI: item #17 - I understand my partner better than anyone else		
cmi18	CMI: item #18 - my partner feels my concerns are trivial		
cmi19	CMI: item #19 - I care more about partner than about anyone else		
cmi20	CMI: item #20 - my partner understands me better than anyone else		
cmi21	CMI: item #21 - many things about my partner I would like change		
cmi22	CMI: item #22 - my partner would do anything to help me		
cmi23	CMI: item #23 - I find it hard to sympathize with my partner		
cmi24	CMI: item #24 - my partner believes in me		
cmi2_r	CMI: item #2 - wish my partner understood me better (reversed)	CMIR	
cmi4_r	CMI: item #4 - my partner neglects me (reversed)		
cmi6_r	CMI: item #6 - partner always trying to change me (reversed)		
cmi9_r	CMI: item #9 - wish my partner were someone else (reversed)		
cmi11_r	CMI: item #11 - my partner and I are from different planets (rev)		
cmi14_r	CMI: item #14 - partner often does not seem to get what I say (rev)		
cmi16_r	CMI: item #16 - my partner ignores my complaints (reversed)		
cmi18_r	CMI: item #18 - my partner feels my concerns are trivial (reversed)		
cmi21_r	CMI: item #21 - many things about partner I would like change (rev)		
cmi23_r	CMI: item #23 - I find it hard to sympathize with my partner (rev)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cmi.ciscr	CMI: Clark Marital Intimacy "CI" (I care) Scale		cmi.ciscr = sum.3(cmi1, cmi7, cmi13, cmi19) .
cmi.uiscr	CMI: Clark Marital Intimacy "UI" (I understand) Scale		cmi.uiscr = sum.3(cmi5, cmi11_r, cmi17, cmi23_r) .
cmi.viscr	CMI: Clark Marital Intimacy "VI" (I value) Scale		cmi.viscr = sum.3(cmi3, cmi9_r, cmi15, cmi21_r) .
cmi.ctscr	CMI: Clark Marital Intimacy "CT" (They [partner] care) Scale		cmi.ctscr = sum.3(cmi4_r, cmi10, cmi16_r, cmi22) .
cmi.utscr	CMI: Clark Marital Intimacy "UT" (They [partner] understand) Scale		cmi.utscr = sum.3(cmi2_r, cmi8, cmi14_r, cmi20) .
cmi.vtscr	CMI: Clark Marital Intimacy "VT" (They [partner] value) Scale		cmi.vtscr = sum.3(cmi6_r, cmi12, cmi18_r, cmi24) .
cmi.totali	CMI: Clark Marital Intimacy Total "I" Scales		cmi.totali = sum.3(cmi.ciscr, cmi.viscr, cmi.uiscr).
cmi.totalt	CMI: Clark Marital Intimacy Total "T" Scales		cmi.totalt = sum.3(cmi.ctscr, cmi.vtscr, cmi.utscr).
exem	*****CLARK EMOTIONAL EXPRESSION TO SPOUSE SCALE*****		
exem.fear	ExEm: willingness to express fear to spouse	EXEM	
exem.anger	ExEm: willingness to express annoyance/anger to spouse		
exem.happ	ExEm: willingness to express happiness to spouse		
exem.sad	ExEm: willingness to express sadness to spouse		
exem.guilt	ExEm: willingness to express guilt to spouse		
exem.cmpsn	ExEm: willingness to express compassion to spouse		
exem.anxty	ExEm: willingness to express anxiety to spouse		
exem.hapsps	ExEm: willingness to express happiness for spouse to spouse		
exem.sadsps	ExEm: willingness to express sadness for spouse to spouse		
exem.own	ExEm: Express Own Needs via Emotion Subscale		exem.own = sum.5(exem.fear, exem.anger, exem.happ, exem.sad, exem.anxty).
exem.spouse	ExEm: Express Concern for Spouse via Emotion Subscale		exem.spouse = sum.4(exem.guilt, exem.cmpsn, exem.hapsps, exem.sadsps).
exem.total	ExEm: Willingness to Express Emotions Total Score		exem.total = sum.2(exem.own, exem.spouse).
eckmss	*****ECKENRODE MARITAL STRESS SCALE*****		
mss.expect	MSS: spouse expected more than was willing to give (past 6 mos)	YES/NO	
mss.exp_a	MSS: how often did spouse expect more...(past 6 mos) - RAW	FRQ14A	
mss.spend	MSS: spouse spent money in ways you thought unwise (past 6 mos)	YES/NO	
mss.spnd_a	MSS: how often did spouse spend money...(past 6 mos) - RAW	FRQ14A	
mss.burden	MSS: spouse problems placed extra burden on you (past 6 mos)	YES/NO	
mss.brdn_a	MSS: how often spouse probs place extra burden on you (past 6 mos) - RAW	FRQ14A	

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
mss.frqexp	MSS: how often did spouse expect more...(past 6 mos) - recode	FRQ14B	All frequency items scored as '0' if respondent endorsed 'no' in response to the preceding item.
mss.frqspnd	MSS: how often did spouse spend money...(past 6 mos) - recode	FRQ14B	
mss.frqbrdn	MSS: how often did spouse problems...(past 6 mos) - recode	FRQ14B	
mss.totstress	MSS: Eckenrode Marital Stress Scale Total Score (computed)		mss.totstress = sum.3(mss.frqexp, mss.frqspnd, mss.frqbrdn)
mat	*****MARITAL ADJUSTMENT TEST*****		
mat.status	MAT: currently involved in a marriage or marriage-like relationship	YES/NO	
mat.happ	MAT: happiness of present marriage/marriage-like relationship	MATHAP	
mat.finan	MAT: agree on handling family finances	MATAGR	
mat.recrtn	MAT: agree on matters of recreation		
mat.affctn	MAT: agree on demonstrations of affection		
mat.frnds	MAT: agree on friends		
mat.sex	MAT: agree on sex relations		
mat.convnt	MAT: agree on conventionality (right, good, proper conduct)		
mat.philos	MAT: agree on philosophy of life		
mat.inlaws	MAT: agree on ways of dealing with spouse's family		
mat.disag_raw	MAT: When disagreements arise, they usually result in...(RAW)	MATGV1	
mat.outint	MAT: Do you and your partner engage in outside interests together?	MATOUT	
mat.leisslf	MAT: In leisure time, do you generally prefer:	MATLEI1	
mat.leissps	MAT: Does your partner generally prefer:	MATLEI1	
mat.notmar	MAT: Ever wish you had not married/entered into committed relat?	MATFRQ	
mat.liveovr	MAT: If you had your life to live over, do you think you would:	MATMAR	
mat.conf_raw	MAT: Do you confide in your partner? (RAW)	MATCN1	
mat.disagr	MAT: When disagreements arise, they usually result in...RECODE	MATGV2	Recoding based on distributions of responses.
mat.confide	MAT: Do you confide in your partner? RECODE	MATCN2	

mat.leisboth	MAT: recoding of mat.leisslf and mat.leissps into single variable	MATLEI2	if (mat.leisslf ne mat.leissps) mat.leisboth = 2.
			if (mat.leisslf = mat.leissps = 1) mat.leisboth = 3.
			if (mat.leisslf = mat.leissps = 2) mat.leisboth = 10.

mat.total	MAT: Marital Adjustment Test Total Score		mat.total = mean.13(mat.happ, mat.finan, mat.recrtn, mat.affctn, mat.frnds, mat.sex, mat.convnt, mat.philos, mat.inlaws, mat.outint, mat.notmar, mat.liveovr, mat.disagr, mat.confide, mat.leisboth)*15.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
marisel	**INTERPERSONAL SUPPORT EVALUATION LIST - MARITAL VERSION**		
misl.hlpslv	M-ISEL: trust spouse to help solve my problems	TF03	
misl.intprb	M-ISEL: do not feel comfortable talking to SP about personal problems		
misl.objvw	M-ISEL: SP can give me objective view of how I am handling my probs		
misl.prvtfrs	M-ISEL: cannot share private worries and fears with spouse		
misl.famprb	M-ISEL: can turn to SP for advice about handling problems w/family		
misl.persprb	M-ISEL: can turn to SP for suggestions on dealing with personal problems		
misl.jobadvc	M-ISEL: could turn to SP for advice about career plans/changing jobs		
misl.finadvc	M-ISEL: trust spouse to give me good financial advice		
misl.famcris	M-ISEL: SP could not give good advice on how to handle a family crisis		
misl.trstadv	M-ISEL: trust spouse's advice		
misl.intprb_r	M-ISEL: do not feel comfortable talking to spouse ... (reversed)	TF03R	
misl.prvtfrs_r	M-ISEL: cannot share private worries and fears with spouse (reversed)		
misl.famcris_r	M-ISEL: if family crisis, spouse could not give good advice ... (reversed)		
misl.totapprs	M-ISEL: Marital ISEL Appraisal Scale Total Score		misl.totapprs = mean.8(misl.hlpslv, misl.intprb_r, misl.objvw, misl.prvtfrs_r, misl.famprb, misl.persprb, misl.jobadvc, misl.finadvc, misl.famcris_r, misl.trstadv)*10.
rci	*****RELATIONSHIP CLOSENESS INVENTORY*****		
rci.mrn_hr	RCI-F: avg time per day spent alone w/SP in morning (hour) (past week)		
rci.mrn_min	RCI-F: avg time per day spent alone w/SP in morning (min) (past week)		
rci.aft_hr	RCI-F: avg time per day spent alone w/SP in afternoon(hour) (past week)		
rci.aft_min	RCI-F: avg time per day spent alone w/SP in afternoon(min) (past week)		
rci.eve_hr	RCI-F: avg time per day spent alone w/SP in evening (hour) (past week)		
rci.eve_min	RCI-F: avg time per day spent alone w/SP in evening (min) (past week)		
rci.typwk	RCI-F: compared with the normal amount of time you usually spend alone with your SP, how typical was the past week	RCITYP	
rci.typwk_str	RCI-F: if not typical, why		
rci.laund	RCI-D: did laundry	RCID	
rci.pmeal	RCI-D: prepared a meal		
rci.tv	RCI-D: watched TV		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
rci.auctn	RCI-D: went to an auction/antique show	RCID	
rci.lectr	RCI-D: attended a non-class lecture or presentation		
rci.rstaur	RCI-D: went to a restaurant		
rci.groc	RCI-D: went to a grocery store		
rci.wlkdr	RCI-D: went for a walk/drive		
rci.pers	RCI-D: discussed things of personal nature		
rci.mseum	RCI-D: went to a museum/art show		
rci.pparty	RCI-D: planned a party/social event		
rci.class	RCI-D: attended class		
rci.trip	RCI-D: went on a trip		
rci.clean	RCI-D: cleaned house/apartment		
rci.relig	RCI-D: went to church/religious function		
rci.hmwrk	RCI-D: worked on homework		
rci.sex	RCI-D: engaged in sexual relations		
rci.nonpers	RCI-D: discussed things of a non-personal nature		
rci.clthstr	RCI-D: went to a clothing store		
rci.phone	RCI-D: talked on the phone		
rci.movie	RCI-D: went to a movie		
rci.meal	RCI-D: ate a meal		
rci.sport	RCI-D: participated in a sporting activity		
rci.outrec	RCI-D: outdoor recreation		
rci.play	RCI-D: went to a play		
rci.bar	RCI-D: went to a bar		
rci.vstfam	RCI-D: visited family		
rci.vstfrnd	RCI-D: visited friends		
rci.store	RCI-D: went to a department, book, hardware store		
rci.game	RCI-D: played cards/board game		
rci.specsprt	RCI-D: attended a sporting event		
rci.excer	RCI-D: exeRCI-Dsed		
rci.outing	RCI-D: went on an outing		
rci.wilder	RCI-D: wilderness activity		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
rci.concrt	RCI-D: went to a concert	RCID	
rci.dance	RCI-D: went dancing		
rci.party	RCI-D: went a party		
rci.music	RCI-D: played music/sang		
rci.mrn_totmin	RCI-F: morning total minutes spent w/ spouse		rci.mrn_totmin = (rci.mrn_hr*60) + rci.mrn_min.
rci.aft_totmin	RCI-F: afternoon total minutes spent w/ spouse		rci.aft_totmin = (rci.aft_hr*60) + rci.aft_min.
rci.eve_totmin	RCI-F: evening total minutes spent w/ spouse		rci.eve_totmin = (rci.eve_hr*60) + rci.eve_min.
rci.totalmin	RCI-F: day total minutes spent w/ spouse		rci.totalmin = sum(rci.mrn_totmin, rci.aft_totmin, rci.eve_totmin).
rci.totalact	RCI-D: total number of activites w/ spouse		rci.totalact = sum (rci.laund to rci.party).
rci.s1	RCI-S: SP will influence my future financial security	RCIS1	
rci.s2	RCI-S: SP does not influence everyday things in my life		
rci.s3	RCI-S: SP influences important things in my life		
rci.s4	RCI-S: SP influences which parties/social events I attend		
rci.s5	RCI-S: SP influences the extent to which I accept responsibilities in our relationship		
rci.s6	RCI-S: SP doesn't influence how much time I spend doing housework		
rci.s7	RCI-S: SP does not influence how I choose to spend my money		
rci.s8	RCI-S: SP influences the way I feel about myself		
rci.s9	RCI-S: SP does not influence my moods		
rci.s10	RCI-S: SP influences the basic values I hold		
rci.s11	RCI-S: SP doesn't influence opinions I have of important people in my life		
rci.s12	RCI-S: SP does not influence time I spend with my family		
rci.s13	RCI-S: SP influences time I spend with my friends		
rci.s14	RCI-S: SP does not influence which friends I see		
rci.s15	RCI-S: SP does not influence the type of career I have/will have		
rci.s16	RCI-S: SP influences/will influence how much time I devote to my career		
rci.s17	RCI-S: SP does not influence my chances of getting a good job		
rci.s18	RCI-S: SP influences the way I feel about the future		
rci.s19	RCI-S: SP does not have the capacity to influence how I act		
rci.s20	RCI-S: SP influences and contributes to my overall happiness		
rci.s21	RCI-S: itemSP does not influence my present financial security		
rci.s22	RCI-S: iteSP influences how I spend my free time		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
rci.s23	RCI-S: SP influences when I see him/her and amount of time we spend together	RCIS1	
rci.s24	RCI-S: SP does not influence how I dress		
rci.s25	RCI-S: SP influences how I decorate my home		
rci.s26	RCI-S: SP does not influence where I live		
rci.s27	RCI-S: SP influences what I watch on TV		
rci.s2_r	RCI-S: item s2 reverse coded	RCIS1R	
rci.s6_r	RCI-S: item s6 reverse coded		
rci.s7_r	RCI-S: item s7 reverse coded		
rci.s9_r	RCI-S: item s9 reverse coded		
rci.s11_r	RCI-S: item s11 reverse coded		
rci.s12_r	RCI-S: item s12 reverse coded		
rci.s14_r	RCI-S: item s14 reverse coded		
rci.s15_r	RCI-S: item s15 reverse coded		
rci.s17_r	RCI-S: item s17 reverse coded		
rci.s19_r	RCI-S: item s19 reverse coded		
rci.s21_r	RCI-S: item s21 reverse coded		
rci.s24_r	RCI-S: item s24 reverse coded		
rci.s26_r	RCI-S: item s26 reverse coded		
rci.s28	RCI-S: SP affects my vacation plans	RCIS2	
rci.s29	RCI-S: SP affects my marriage plans		
rci.s30	RCI-S: SP affects my plans to have children		
rci.s31	RCI-S: SP affects my plans to make major investments (house/car)		
rci.s32	RCI-S: SP affects my plans to join a club, social organization, church		
rci.s33	RCI-S: SP affects my school-related plans		
rci.s34	RCI-S: SP affects plans for achieving particular financial standard of living		
rci.infs1s27	RCI-S: SP Influences Thoughts, Feelings, Behav. (items s1-s27) Score		rci.infs1s27 = sum(rci.s1 to rci.s27) with reversed items substituted for original versions
rci.infs28s34	RCI-S: SP Influences Future Plans (items s28-s34) Score		rci.infs28s34 = sum(rci.s28 to rci.s34).
rci.totalinf	RCI-S: Relationship Closeness Inventory - SP Influence Total Score		rci.inftotal = sum(rci.infs1s27, rci.infs28s34).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA

rci.frequency	RCI-F: Relationship Closeness Inventory Frequency Score		if (rci.totalmin >=0 and rci.totalmin <=12) rci.frequency = 1 .
			if (rci.totalmin >=13 and rci.totalmin <=48) rci.frequency = 2 .
			if (rci.totalmin >=49 and rci.totalmin <=108) rci.frequency = 3 .
			if (rci.totalmin >=109 and rci.totalmin <=192) rci.frequency = 4 .
			if (rci.totalmin >=193 and rci.totalmin <=300) rci.frequency = 5 .
			if (rci.totalmin >=301 and rci.totalmin <=432) rci.frequency = 6 .
			if (rci.totalmin >=433 and rci.totalmin <=588) rci.frequency = 7 .
			if (rci.totalmin >=589 and rci.totalmin <=768) rci.frequency = 8 .
			if (rci.totalmin >=769 and rci.totalmin <=972) rci.frequency = 9 .
			if (rci.totalmin >=973 and rci.totalmin <=1200) rci.frequency = 10 .

rci.diversity	RCI-D: Relationship Closeness Inventory Diversity Score		if (rci.totalact = 0) rci.diversity = 1 .
			if (rci.totalact = 1) rci.diversity = 2 .
			if (rci.totalact >=2 and rci.totalact <=3) rci.diversity = 3 .
			if (rci.totalact >=4 and rci.totalact <=6) rci.diversity = 4 .
			if (rci.totalact >=7 and rci.totalact <=9) rci.diversity = 5 .
			if (rci.totalact >=10 and rci.totalact <=13) rci.diversity = 6 .
			if (rci.totalact >=14 and rci.totalact <=18) rci.diversity = 7 .
			if (rci.totalact >=19 and rci.totalact <=24) rci.diversity = 8 .
			if (rci.totalact >=25 and rci.totalact <=30) rci.diversity = 9 .
			if (rci.totalact >=31 and rci.totalact <=38) rci.diversity = 10 .

rci.strength	RCI-S: Relationship Closeness Inventory Strength Score		if (rci.totalinf >=34 and rci.totalinf <=53) rci.strength = 1 .
			if (rci.totalinf >=54 and rci.totalinf <=73) rci.strength = 2 .
			if (rci.totalinf >=74 and rci.totalinf <=93) rci.strength = 3 .
			if (rci.totalinf >=94 and rci.totalinf <=113) rci.strength = 4 .
			if (rci.totalinf >=114 and rci.totalinf <=133) rci.strength = 5 .
			if (rci.totalinf >=134 and rci.totalinf <=153) rci.strength = 6 .
			if (rci.totalinf >=154 and rci.totalinf <=173) rci.strength = 7 .
			if (rci.totalinf >=174 and rci.totalinf <=193) rci.strength = 8 .
			if (rci.totalinf >=194 and rci.totalinf <=213) rci.strength = 9 .
			if (rci.totalinf >=214 and rci.totalinf <=238) rci.strength = 10 .

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
rusacc	*****RUSBULT ACCOMMODATION SCALE*****		
acc1	RusAcc: SP upset, says something mean / I try to patch things up, solve prob	RACC	
acc2	RusAcc: SP angry with me and ignores me / I consider breaking up		
acc3	RusAcc: SP rude or inconsiderate / I remain loyal, wait for things to get better		
acc4	RusAcc: SP unpleasant or thoughtless / I do something else for awhile		
acc5	RusAcc: SP upset, says something mean / I feel angry, want to walk out		
acc6	RusAcc: SP unpleasant or thoughtless / I forgive and forget		
acc7	RusAcc: SP angry with me, ignores me / I get away for a while, avoid dealing		
acc8	RusAcc: SP rude, inconsiderate / I try to resolve situation, improve conditions		
acc9	RusAcc: SP upset, says something mean / I sulk, stay away from SP		
acc10	RusAcc: SP rude or inconsiderate / I think about ending relationship		
acc11	RusAcc: SP unpleasant or thoughtless / I calmly discuss things with my SP		
acc12	RusAcc: SP angry with me, ignores me / I hang in there, wait for SP mood to change		
acc13	RusAcc: SP unpleasant or thoughtless / I do something equally unpleasant		
acc14	RusAcc: SP angry with me and ignores me / I talk to SP about what is going on		
acc15	RusAcc: SP upset, says something mean / I give SP benefit of the doubt, forget about it		
acc16	RusAcc: SP rude, inconsiderate / I ignore whole thing, spend less time w/SP		
acc2_r	RusAcc: SP angry with me and ignores me / I consider breaking up (rev)	RACCR	
acc4_r	RusAcc: SP unpleasant or thoughtless / I do something else for awhile (rev)		
acc5_r	RusAcc: SP upset, says something mean / I feel angry, want to walk out (rev)		
acc7_r	RusAcc: SP angry with me, ignores me / I get away for a while, avoid (rev)		
acc9_r	RusAcc: SP upset, says something mean / I sulk, stay away from SP (rev)		
acc10_r	RusAcc: SP rude or inconsiderate / I think about ending relationship (rev)		
acc13_r	RusAcc: SP unpleasant, thoughtless / I do something equally unpleasant (rev)		
acc16_r	RusAcc: SP rude, inconsiderate / I ignore, spend less time with SP (rev)		
acc.exitscr	RusAcc: Rusbult Accommodation Scale - "Exit" sub-scale		acc.exitscr = mean(acc2, acc5, acc10, acc13).
acc.voicescr	RusAcc: Rusbult Accommodation Scale - "Voice" sub-scale		acc.voicescr = mean(acc1, acc8, acc11, acc14).
acc.loyalscr	RusAcc: Rusbult Accommodation Scale - "Loyalty" sub-scale		acc.loyalscr = mean(acc3, acc6, acc12, acc15).
acc.nglctscr	RusAcc: Rusbult Accommodation Scale - "Neglect" sub-scale		acc.nglctscr = mean(acc4, acc7, acc9, acc16).

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
acc.cnstrscr	RusAcc: Rusbult Accommodation Scale - "Constructive" partial scale		acc.cnstrscr = mean(acc.voicescr, acc.loyalscr).
acc.destrscr	RusAcc: Rusbult Accommodation Scale - "Destructive" partial scale		acc.destrscr = mean(acc.exitscr, acc.nglctscr).
acc.totaccom	RusAcc: Rusbult Accommodation Total Score		acc.totaccom = mean(acc1, acc2_r, acc3, acc4_r, acc5_r, acc6, acc7_r, acc8, acc9_r, acc10_r, acc11, acc12, acc13_r, acc14, acc15, acc16_r).
ruscmt	*****RUSBULT COMMITTMENT SCALE*****		
cmt.lngtm	RusCmt: I want our relationship to last for a very long time	RCMT	
cmt.maintn	RusCmt: I am committed to maintaining my relationship with my SP		
cmt.upset	RusCmt: I would feel very upset if relationship were to end in the near future		
cmt.datoth	RusCmt: I likely will date someone other than my SP within the next year		
cmt.attchd	RusCmt: I feel very attached to our relationship-very strongly linked to my SP		
cmt.forevr	RusCmt: I want our relationship to last forever		
cmt.future	RusCmt: I am oriented toward the long term future of my relationship		
cmt.datoth_r	RusCmt: I likely will date someone other than my SP ... (reversed)	RCMTR	
cmt.totcomm	RusCmt: Rusbult Commitment Total Score		cmt.totcomm = sum.8(cmt.lngtm, cmt.maintn, cmt.upset, cmt.datoth, cmt.attchd, cmt.forevr, cmt.future, cmt.datoth_r).
slfdiscls	*****JOURARD SELF-DISCLOSURE (TO SPOUSE) SCALE*****		
marsd1	MarSD: your views on the way a husband and wife should live their marriage	JSD	
marsd2	MarSD: what your usual ways are of dealing with depression, anxiety, anger		
marsd3	MarSD: what actions you have most regretted doing in your life and why		
marsd4	MarSD: your personal views and the nature of your religious participation if any		
marsd5	MarSD: the ways in which you feel you are most maladjusted or immature		
marsd6	MarSD: your guiltiest secrets		
marsd7	MarSD: your personal views on politics, presidency, foreign and domestic policy		
marsd8	MarSD: the habits and reactions of yours which bother you at present		
marsd9	MarSD: the sources of strain and dissatisfaction in your marriage		
marsd10	MarSD: your favorite forms of erotic play and sexual lovemaking		
marsd11	MarSD: your hobbies, how you best like to spend your spare time		
marsd12	MarSD: the occasions in your life in which you were the happiest		
marsd13	MarSD: the aspects of your daily work that satisfy and bother you		

PSYCHOLOGICAL AND SOCIAL

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
marsd14	MarSD: characteristics of yourself that cause you pride and satisfaction	JSD	
marsd15	MarSD: the persons in your life whom you most resent and why		
marsd16	MarSD: the people with whom you have been sexually intimate and the circumstances of your relationship with each		
marsd17	MarSD: the unhappiest moments in your life and why		
marsd18	MarSD: your preferences and dislikes in music		
marsd19	MarSD: your personal goals for the next ten years or so		
marsd20	MarSD: circumstances under which you become depressed; when your feelings are hurt		
marsd21	MarSD: your most common sexual fantasies and reveries		
marsd.total	MarSD: Marital Self-Disclosure Total Score		marsd.total = sum(marsd1 to marsd21)
gb5	*****5 FACTOR PERSONALITY VARIABLES*****		
gb5.bshfl1_r	GB5: bashful (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.cold1_r	GB5: cold (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.org	GB5: organized	ACC04	
gb5.rsnt_r	GB5: resentful - reversed	ACC04R	
gb5.innov	GB5: innovative	ACC04	
gb5.shy1_r	GB5: shy (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.rude1_r	GB5: rude (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.neat	GB5: neat	ACC04	
gb5.tense_r	GB5: tense - reversed	ACC04R	
gb5.uninf_r	GB5: uninformed - reversed	ACC04R	
gb5.tlktv1	GB5: talkative (1st admin, 4wks pre-Quarantine)	ACC04	
gb5.unknd1_r	GB5: unkind (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.ineff_r	GB5: inefficient - reversed	ACC04R	
gb5.irrit_r	GB5: irritable - reversed	ACC04R	
gb5.unimg_r	GB5: unimaginative - reversed	ACC04R	
gb5.extr1	GB5: extraverted (1st admin, 4wks pre-Quarantine)	ACC04	
gb5.plsnt1	GB5: pleasant (1st admin, 4wks pre-Quarantine)	ACC04	
gb5.disorg_r	GB5: disorganized - reversed	ACC04R	

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
gb5.nervs_r	GB5: nervous – reversed	ACC04R	
gb5.creat	GB5: creative	ACC04	
gb5.quiet1_r	GB5: quiet (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.harsh1_r	GB5: harsh (1st admin, 4wks pre-Quarantine) - reversed	ACC04R	
gb5.crlss_r	GB5: careless - reversed	ACC04R	
gb5.deprs_r	GB5: depressed - reversed	ACC04R	
gb5.imag	GB5: imaginative	ACC04	
gb5.bshfl2_r	GB5: bashful (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.cold2_r	GB5: cold (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.shy2_r	GB5: shy (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.rude2_r	GB5: rude (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.tlktv2	GB5: talkative (2nd admin, Quarantine Day 0)	ACC04	
gb5.unknd2_r	GB5: unkind (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.extr2	GB5: extraverted (2nd admin, Quarantine Day 0)	ACC04	
gb5.plsnt2	GB5: pleasant (2nd admin, Quarantine Day 0)	ACC04	
gb5.quiet2_r	GB5: quiet (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.harsh2_r	GB5: harsh (2nd admin, Quarantine Day 0) - reversed	ACC04R	
gb5.extrscr1	GB5: Extraversion (1st admin, 4 wks pre-Quarantine)		gb5.extrscr1=mean.4(gb5.bshfl1_r,gb5.shy1_r,gb5.tlktv1,gb5.extr1,gb5.quiet1_r)*5.
gb5.agrbscr1	GB5: Agreeableness (1st admin, 4 wks pre-Quarantine)		gb5.agrbscr1 = mean.4(gb5.cold1_r, gb5.rude1_r, gb5.unknd1_r, gb5.plsnt1, gb5.harsh1_r)*5.
gb5.emotscr	GB5: Emotional Stability		gb5.emotscr=mean.4(gb5.rsnt_r,gb5.tense_r,gb5.irrit_r,gb5.nervs_r,gb5.deprs_r)*5.
gb5.consscr	GB5: Conscientiousness		gb5.consscr = mean.4(gb5.org, gb5.neat, gb5.ineff_r, gb5.disorg_r, gb5.crlss_r)*5.
gb5.openscr	GB5: Openness to Experience		gb5.openscr = mean.4(gb5.innov,gb5.uninf_r,gb5.unimg_r,gb5.creat,gb5.imag)*5.
gb5.extrscr2	GB5: Extraversion (2nd admin, Quarantine Day 0)		gb5.extrscr2=mean.4(gb5.bshfl2_r,gb5.shy2_r,gb5.tlktv2,gb5.extr2,gb5.quiet2_r)*5.
gb5.agrbscr2	GB5: Agreeableness (2nd admin, Quarantine Day 0)		gb5.agrbscr2 = mean.4(gb5.cold2_r, gb5.rude2_r, gb5.unknd2_r, gb5.plsnt2, gb5.harsh2_r)*5.
gb5.extravg	GB5: Extraversion (avg 1st & 2nd admin)		gb5.extravg = mean.2(gb5.extrscr1, gb5.extrscr2).
gb5.agrbavg	GB5: Agreeableness (avg 1st & 2nd admin)		gb5.agrbavg = mean.2(gb5.agrbscr1, gb5.agrbscr2).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
optm	*****OPTIMISM*****		
lotr.expbst	LOT-R: usually expect the best	AGR04	
lotr.relax	LOT-R: <<filler item>> easy for me to relax		
lotr.gowrng_r	LOT-R: if something can go wrong, it will (reversed)	AGR04R	
lotr.optfut	LOT-R: always optimistic about future		
lotr.enjfr	LOT-R: <<filler item>> enjoy my friends		
lotr.kpbsy	LOT-R: <<filler item>> important for me to keep busy		
lotr.myway_r	LOT-R: hardly ever expect things to go my way (rev)		
lotr.upset	LOT-R: <<filler item>> don't get upset too easily		
lotr.gdthng_r	LOT-R: rarely count on good things happening (rev)		
lotr.expgd	LOT-R: overall, expect more good things than bad		
lotr.optm	LOT-R: Optimism Scale		lotr.optm = sum.6(lotr.expbst, lotr.gowrng_r, lotr.optfut, lotr.myway_r, lotr.gdthng_r, lotr.expgd).
staxi	*****STATE-TRAIT ANGER EXPRESSION SCALE*****		
staxi1.1	STAXI: item #1 (1st admin, 4wks pre-Quarantine)	STAXI	
staxi1.2	STAXI: item #2 (1st admin, 4wks pre-Quarantine)		
staxi1.3	STAXI: item #3 (1st admin, 4wks pre-Quarantine)		
staxi1.4	STAXI: item #4 (1st admin, 4wks pre-Quarantine)		
staxi1.5	STAXI: item #5 (1st admin, 4wks pre-Quarantine)		
staxi1.6	STAXI: item #6 (1st admin, 4wks pre-Quarantine)		
staxi1.7	STAXI: item #7 (1st admin, 4wks pre-Quarantine)		
staxi1.8	STAXI: item #8 (1st admin, 4wks pre-Quarantine)		
staxi1.9	STAXI: item #9 (1st admin, 4wks pre-Quarantine)		
staxi1.10	STAXI: item #10 (1st admin, 4wks pre-Quarantine)		
staxi1.11	STAXI: item #11 (1st admin, 4wks pre-Quarantine)		
staxi1.12	STAXI: item #12 (1st admin, 4wks pre-Quarantine)		
staxi1.13	STAXI: item #13 (1st admin, 4wks pre-Quarantine)		
staxi1.14	STAXI: item #14 (1st admin, 4wks pre-Quarantine)		
staxi1.15	STAXI: item #15 (1st admin, 4wks pre-Quarantine)		
staxi1.16	STAXI: item #16 (1st admin, 4wks pre-Quarantine)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
staxi1.angin	STAXI: Anger-In (1st admin, 4 wks pre-Quarantine)		Information on the scoring of the STAXI can be obtained fromn the STAXI Manual, which is available for purchase through mindgarden.com
staxi1.angout	STAXI: Anger-Out (1st admin, 4 wks pre-Quarantine)		
staxi2.1	STAXI: item #1 (2nd admin, 1 day pre-Quarantine)	STAXI	
staxi2.2	STAXI: item #2 (2nd admin, 1 day pre-Quarantine)		
staxi2.3	STAXI: item #3 (2nd admin, 1 day pre-Quarantine)		
staxi2.4	STAXI: item #4 (2nd admin, 1 day pre-Quarantine)		
staxi2.5	STAXI: item #5 (2nd admin, 1 day pre-Quarantine)		
staxi2.6	STAXI: item #6 (2nd admin, 1 day pre-Quarantine)		
staxi2.7	STAXI: item #7 (2nd admin, 1 day pre-Quarantine)		
staxi2.8	STAXI: item #8 (2nd admin, 1 day pre-Quarantine)		
staxi2.9	STAXI: item #9 (2nd admin, 1 day pre-Quarantine)		
staxi2.10	STAXI: item #10 (2nd admin, 1 day pre-Quarantine)		
staxi2.11	STAXI: item #11 (2nd admin, 1 day pre-Quarantine)		
staxi2.12	STAXI: item #12 (2nd admin, 1 day pre-Quarantine)		
staxi2.13	STAXI: item #13 (2nd admin, 1 day pre-Quarantine)		
staxi2.14	STAXI: item #14 (2nd admin, 1 day pre-Quarantine)		
staxi2.15	STAXI: item #15 (2nd admin, 1 day pre-Quarantine)		
staxi2.16	STAXI: item #16 (2nd admin, 1 day pre-Quarantine)		
staxi2.angin	STAXI: Anger-In (2nd admin, 1 day pre-Quarantine)		Information on the scoring of the STAXI can be obtained fromn the STAXI Manual, which is available for purchase through mindgarden.com
staxi2.angout	STAXI: Anger-Out (2nd admin, 1 day pre-Quarantine)		
staxi.angin_avg	STAXI: Anger-In (avg 1st & 2nd admin)		staxi.angin_avg = mean(staxi1.angin, staxi2.angin).
staxi.angout_avg	STAXI: Anger-Out (avg 1st & 2nd admin)		staxi.angout_avg = mean(staxi1.angout, staxi2.angout).
open	******OPENER SCALE*****		
op.tellme	OP: people tell me about themselves	AGR15	
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		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
op.symp	OP: sympathetic to problems	AGR15	
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: item #1	LIKE15	
comm2	COMM: item #2		
comm3	COMM: item #3		
comm4	COMM: item #4		
comm5	COMM: item #5		
comm6	COMM: item #6		
comm7	COMM: item #7		
comm8	COMM: item #8		
comm9	COMM: item #9		
comm10	COMM: item #10		
comm11	COMM: item #11		
comm12	COMM: item #12		
comm13	COMM: item #13		
comm14	COMM: item #14		
comm3_r	COMM: item #3 (reverse scored)	LIKE15R	
comm4_r	COMM: item #4 (reverse scored)		
comm6_r	COMM: item #6 (reverse scored)		
comm9_r	COMM: item #9 (reverse scored)		
comm10_r	COMM: item #10 (reverse scored)		
comm12_r	COMM: item #12 (reverse scored)		
comm13_r	COMM: item #13 (reverse scored)		
comm.self	COMM: Expect Communal Toward Self Sub-Scale		comm.self = mean.3(comm1, comm7, comm11, comm14)*4.
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.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cmhs	*****COOK-MEDLEY HOSTILITY SCALE*****		
cmhs1.1	CM-Ho: item #1 - MMPI item #71 (4wks pre-Quarantine)	T/F	
cmhs1.2	CM-Ho: item #2 - MMPI item #93 (4wks pre-Quarantine)		
cmhs1.3	CM-Ho: item #3 - MMPI item #124 (4wks pre-Quarantine)		
cmhs1.4	CM-Ho: item #4 - MMPI item #265 (4wks pre-Quarantine)		
cmhs1.5	CM-Ho: item #5 - MMPI item #319 (4wks pre-Quarantine)		
cmhs1.6	CM-Ho: item #6 - MMPI item #436 (4wks pre-Quarantine)		
cmhs1.7	CM-Ho: item #7 - MMPI item #383 (4wks pre-Quarantine)		
cmhs1.8	CM-Ho: item #8 - MMPI item #28 (4wks pre-Quarantine)		
cmhs1.9	CM-Ho: item #9 - MMPI item #148 (4wks pre-Quarantine)		
cmhs1.10	CM-Ho: item #10 - MMPI item #226 (4wks pre-Quarantine)		
cmhs1.11_r	CM-Ho: item #11 - MMPI item #253 (4wks pre-Quarantine) (rev)	T/F-R	
cmhs1.12	CM-Ho: item #12 - MMPI item #250 (4wks pre-Quarantine)		
cmhs1.13	CM-Ho: item #13 - MMPI item #271 (4wks pre-Quarantine)		
cmhs1.14_r	CM-Ho: item #14 - MMPI item #399 (4wks pre-Quarantine) (rev)	T/F-R	
cmhs1.15	CM-Ho: item #15 - MMPI item #410 (4wks pre-Quarantine)		
cmhs1.16	CM-Ho: item #16 - MMPI item #426 (4wks pre-Quarantine)		
cmhs1.17	CM-Ho: item #17 - MMPI item #438 (4wks pre-Quarantine)		
cmhs1.18	CM-Ho: item #18 - MMPI item #447 (4wks pre-Quarantine)		
cmhs1.19	CM-Ho: item #19 - MMPI item #504 (4wks pre-Quarantine)		
cmhs1.20	CM-Ho: item #20 - MMPI item #520 (4wks pre-Quarantine)		
cmhs1.aff	CM-Ho: Cook-Medley Hostile Affect Scale (4 wks pre-Quarantine)		Scoring information can be obtained from Barefoot, et al (1989). The Cook–Medley Hostility Scale: Item content and ability to predict survival. *Psychosomatic Medicine, 51*, 46–57.
cmhs1.agg	CM-Ho: Cook-Medley Aggressive Responding Scale (4 wks pre-Q'ntine)		
cmhs1.cyn	CM-Ho: Cook-Medley Cynicism Scale (4 wks pre-Quarantine)		
cmhs1.total	CM-Ho: Cook-Medley Hostility Scale Total Score (4 wks pre-Quarantine)		cmhs1.total = sum.3(cmhs1.aff, cmhs1.agg, cmhs1.cyn).
cmhs2.1	CM-Ho: item #1 - MMPI #71 (Quarantine Day 0)	T/F	
cmhs2.2	CM-Ho: item #2 - MMPI #93 (Quarantine Day 0)		
cmhs2.3	CM-Ho: item #3 - MMPI item #124 (Quarantine Day 0)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cmhs2.4	CM-Ho: item #4 - MMPI item #265 (Quarantine Day 0)	T/F	
cmhs2.5	CM-Ho: item #5 - MMPI item #319 (Quarantine Day 0)		
cmhs2.6	CM-Ho: item #6 - MMPI item #436 (Quarantine Day 0)		
cmhs2.7	CM-Ho: item #7 - MMPI item #383 (Quarantine Day 0)		
cmhs2.8	CM-Ho: item #8 - MMPI item #28 (Quarantine Day 0)		
cmhs2.9	CM-Ho: item #9 - MMPI item #148 (Quarantine Day 0)		
cmhs2.10	CM-Ho: item #10 - MMPI item #226 (Quarantine Day 0)		
cmhs2.11_r	CM-Ho: item #11 - MMPI item #253 (Quarantine Day 0) (rev)	T/F-R	
cmhs2.12	CM-Ho: item #12 - MMPI item #250 (Quarantine Day 0)		
cmhs2.13	CM-Ho: item #13 - MMPI item #271 (Quarantine Day 0)		
cmhs2.14_r	CM-Ho: item #14 - MMPI item #399 (Quarantine Day 0) (rev)	T/F-R	
cmhs2.15	CM-Ho: item #15 - MMPI item #410 (Quarantine Day 0)		
cmhs2.16	CM-Ho: item #16 - MMPI item #426 (Quarantine Day 0)		
cmhs2.17	CM-Ho: item #17 - MMPI item #438 (Quarantine Day 0)		
cmhs2.18	CM-Ho: item #18 - MMPI item #447 (Quarantine Day 0)		
cmhs2.19	CM-Ho: item #19 - MMPI item #504 (Quarantine Day 0)		
cmhs2.20	CM-Ho: item #20 - MMPI item #520 (Quarantine Day 0)		
cmhs2.cyn	CM-Ho: Cook-Medley Cynicism Scale (Quarantine Day 0)		Scoring information can be obtained from Barefoot, et al (1989). The Cook–Medley Hostility Scale: Item content and ability to predict survival. *Psychosomatic Medicine, 51*, 46–57.
cmhs2.aff	CM-Ho: Cook-Medley Hostile Affect Scale (Quarantine Day 0)		
cmhs2.agg	CM-Ho: Cook-Medley Aggressive Responding Scale (Quarantine Day 0)		
cmhs2.total	CM-Ho: Cook-Medley Hostility Scale Total Score (Quarantine Day 0)		cmhs2.total = sum.3(cmhs2.aff, cmhs2.agg, cmhs2.cyn).
cmhs.aff_avg	CM-Ho: Cook-Medley Hostile Affect Scale (avg 1st & 2nd admin)		cmhs.aff_avg = mean(cmhs1.aff, cmhs2.aff).
cmhs.agg_avg	CM-Ho: Cook-Medley Aggressive Responding Scale (avg 1st & 2nd admin)		cmhs.agg_avg = mean(cmhs1.agg, cmhs2.agg).
cmhs.cyn_avg	CM-Ho: Cook-Medley Cynicism Scale (avg 1st & 2nd admin)		cmhs.cyn_avg = mean(cmhs1.cyn, cmhs2.cyn).
cmhs.total_avg	CM-Ho: Cook-Medley Scale Total Score (avg 1st & 2nd admin)		cmhs.total_avg = mean(cmhs1.total, cmhs2.total).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
isel	*****INTERPERSONAL SUPPORT EVALUATION LIST*****		
isel.trip	ISEL: if go on a trip...have a hard time finding someone to go with me	TF03	
isel.fear	ISEL: no one I can share my most private worries and fears with		
isel.sick	ISEL: if sick...could easily find someone to help with daily chores		
isel.advc	ISEL: someone I can turn to for advice about problems with family		
isel.mvie	ISEL: if go to a movie...could easily find someone to go with me		
isel.pers	ISEL: need suggestions on 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...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...hard time finding someone to go with me (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 (reversed)		
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).
nar	*****NEGATIVE ASPECTS OF RELATIONSHIPS*****		
nar.dem	NAR: how often have others made too many demands on you?	FRQ03	
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)

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ryffpwb	*RYFF SCALES OF PSYCHOLOGICAL WELL-BEING - POSITIVE RELATIONSHIPS*		
pwb.pr1	PWB: PR - people see me as loving/affectionate	AGR16	
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 (reversed)	AGR16R	
pwb.pr3_r	PWB: PR - often feel lonely...have few close friends (reversed)		
pwb.pr5_r	PWB: PR - don't have people who want to listen (reversed)		
pwb.pr6_r	PWB: PR - most other people have more friends than I do (reversed)		
pwb.pr8_r	PWB: PR - not experienced many warm/trusting relationships (reversed)		
pwb.posrelat	PWB-PR: Psychological Well-Being - Positive Relationships Scale		pwb.posrelat = sum.9(pwb.pr1 to pwb.pr9) (reversed items substituted for original versions)
convoy	*****SOCIAL CONVOY*****		
conv1	CONV: # inner circle contacts participant interacts with >= 1x month		
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).
sni	*****SOCIAL NETWORK INDEX (SNI)*****		
sni.marstat	SNI: marital status	SNIMAR	
sni.hcc.spouse	SNI - high contact: spouse/partner	YES/NO 	if (sni.marstat = 1) sni.hcc.spouse = 1; if (sni.marstat >1) sni.hcc.spouse = 0.
sni.longrel	SNI: have you ever lived with someone in marriage-like relationship	YES/NO	
sni.chldrn	SNI: # children	SNINUM	
sni.hcc.chldrn	SNI - high contact: # children talk with ≥ every 2 wks	SNINUM	

VARIABLE NAME	VARIABLE LABEL	VALUES	

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.
			NOTE: raw variables not included in data set

sni.hcc.parnts	SNI - high contact: # parents talk with ≥ every 2 wks		As above, substituting sni.hcc.parnts_raw for sni.parnts_raw NOTE: raw variables not included in data set

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.
			NOTE: raw variables not included in data set

sni.hcc.inlaws	SNI - high contact: # parents-in-law talk with ≥ every 2 wks		As above, substituting sni.hcc.inlaws_raw for sni.inlaws_raw NOTE: raw variables not included in data set
sni.reltvs	SNI: # other close relatives	SNINUM	
sni.hcc.reltvs	SNI - high contact: # close relatives talk with ≥ every 2 wks		
sni.frnds	SNI: # close friends		
sni.hcc.frnds	SNI - high contact: # close friends talk with ≥every 2 wks		
sni.hcc.chrch	SNI - high contact: #church members talk w/ ≥every 2 wks		
sni.hcc.stdnts	SNI - high contact: #fellow students talk with ≥every 2 wks		
sni.hcc.nghbrs	SNI - high contact: # neighbors talk with ≥ every 2 wks		
sni.hcc.volntrs	SNI - high contact: #fellow volunteers talk w/ ≥every 2 wks		
sni.hcc.cowrks	SNI - high contact: # coworkers talk with ≥ every 2 wks		
sni.hcc.suprvs	SNI - high contact: # people you supervise at work		
sni.hcr.married	SNI - high contact role: married/marriage like relationship		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	SNIROLE	if (sni.hcc.chldrn >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 >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 >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 >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 >0) sni.hcr.frnd = 1; if (sni.hcc.frnds = 0) sni.hcr.frnd = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	
sni.hcr.chrch	SNI - high contact role: church/temple member	SNIROLE	if (sni.hcc.chrch >0) sni.hcr.chrch=1; if (sni.hcc.chrch=0) sni.hcr.chrch = 0.
sni.hcr.othgrp	SNI - high contact role: other group member		if (sni.hcc.othgrp>0) sni.hcr.othgrp=1; if (sni.hcc.othgrp=0) sni.hcr.othgrp=0.
sni.hcr.suprv	SNI - high contact role: supervisor at work		if (sni.hcc.suprvs >0) sni.hcr.suprv=1; if (sni.hcc.suprvs=0) sni.hcr.suprv = 0.
sni.hcr.cowrk	SNI - high contact role: coworker		if (sni.hcc.cowrks >0) sni.hcr.cowrk=1; if (sni.hcc.cowrks=0) sni.hcr.cowrk=0.
sni.hcr.volntr	SNI - high contact role: volunteer		if (sni.hcc.volntrs >0) sni.hcr.volntr=1; if (sni.hcc.volntrs=0) sni.hcr.volntr=0.
sni.hcr.studnt	SNI - high contact role: student		if (sni.hcc.stdnts >0) sni.hcr.studnt=1; if (sni.hcc.stdnts=0) sni.hcr.studnt=0.
sni.hcr.nghbr	SNI - high contact role: neighbor		if (sni.hcc.nghbrs >0) sni.hcr.nghbr=1; if (sni.hcc.nghbrs=0) sni.hcr.nghbr=0.
sni.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.integration	SNI: Social Network Index - 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: Social Network Index - total 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).
sni.em.none	Do not use e-mail	SNIEM1	
sni.em.chldrn_raw	SNI - email: children ≥every 2 wks (RAW)	SNIEM2	
sni.em.parnts_raw	SNI - email: parent ≥every 2 wks (RAW)		
sni.em.inlaws_raw	SNI - email: parents-in-law ≥every 2 wks (RAW)		
sni.em.reltvs_raw	SNI - email: other relatives ≥every 2 wks (RAW)		
sni.em.frnds_raw	SNI - email: close friends ≥every 2 wks (RAW)		
sni.em.chrch_raw	SNI - email: church members ≥every 2 wks (RAW)		
sni.em.stdnts_raw	SNI - email: fellow students ≥every 2 wks (RAW)		
sni.em.nghbrs_raw	SNI - email: neighbors ≥every 2 wks (RAW)		
sni.em.volntrs_raw	SNI - email: fellow volunteers ≥every 2 wks (RAW)		
sni.em.othgrp_raw	SNI - email: other group members ≥every 2 wks (RAW)		

VARIABLE NAME	VARIABLE LABEL	VALUES	
sni.em.chldrn	SNI - high contact email: child(ren)?	SNIEM3	All variables re-coded so that those who do not use email (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.stdnts	SNI - high contact email: fellow student(s)?		
sni.em.nghbrs	SNI - high contact email: neighbor(s)?		
sni.em.volntrs	SNI - high contact email: fellow volunteer(s)?		
sni.em.othgrp	SNI - high contact email: other group member(s)?		
sni.em.cowrks	SNI - high contact email: coworker(s)?		
sni.em.chrch	SNI - high contact contact: fellow church member(s)?		
nanlin	*****NAN-LIN COMMUNAL TIES*****		
nl.totalties	Nan-Lin Communal Ties Total Score		
restore	*****RESTORATIVE ACTIVITIES (PEAT)*****		
rst.sprt_raw	RST: sports - RAW	PEAT	
rst.quiet_raw	RST: quiet time by yourself - RAW		
rst.grp_raw	RST: attending club/church/fellowship - RAW		
rst.hbby_raw	RST: hobbies - RAW		
rst.visit_raw	RST: visiting family and friends - RAW		
rst.fun_raw	RST: doing other fun things with people - RAW		
rst.vacatn_raw	RST: taking vacations out of town - RAW		
rst.eatout_raw	RST: going out for meals with friends and relatives - RAW		
rst.outdrs_raw	RST: being in parks and other outdoors settings - RAW		
rst.unwnd_raw	RST: "unwinding" at the end of the day - RAW		
rst.sprt	RST: sports - RECODE	PEATRCD	Prior to scoring, all items were re-coded as follows: 0=never/not applicable, 1=less than once a month, 2=at least once a month, 3=at least once a week, 4=every day.
rst.quiet	RST: quiet time by yourself - RECODE		
rst.grp	RST: attending club/church/fellowship - RECODE		
rst.hbby	RST: hobbies - RECODE		
rst.visit	RST: visiting family and friends - RECODE		
rst.fun	RST: doing other fun things with people - RECODE		
rst.vacatn	RST: taking vacations out of town - RECODED		

VARIABLE NAME	VARIABLE LABEL	VALUES	
rst.eatout	RST: going out for meals with friends, relatives -RECODE	PEATRCD	
rst.outdrs	RST: being in parks and other outdoors settings - RECODE		
rst.unwnd	RST: "unwinding" at the end of the day - RECODE		
rst.total	RST: Restorative Activities Total Score		rst.total = mean.8(rst.sprt, rst.quiet, rst.grp, rst.hbby, rst.visit, rst.fun, rst.vacatn, rst.eatout, rst.outdrs, rst.unwnd)*10.
pet	*****PET OWNERSHIP*****		
pet.own	PET: Are you currently a pet owner?	YES/NO	
pet.bird	PET: own Bird	BIRD	
pet.cat	PET: own Cat	CAT	
pet.dog	PET: own Dog	DOG	
pet.oth	PET: own Other pet	PETOTH	
pet.oth_str	PET: other pet specified		
pet.imp	PET: How important your pets are?	PETIMP	
pss	*****PERCEIVED STRESS SCALE (PSS)*****		
pss.upset	PSS: upset b/c something happened unexpectedly	FRQ04	
pss.cntrl	PSS: unable to control important things		
pss.cope	PSS: could not cope		
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	PSS: confident about ability to handle personal problems		
pss.way	PSS: things going your way		
pss.irrit	PSS: control irritations		
pss.ontop	PSS: on top of things		
pss.ontop_r	PSS: on top of things (reversed)	FRQ0R	
pss.irrit_r	PSS: control irritations (reversed)		
pss.way_r	PSS: things going your way (reversed)		
pss.pers_r	PSS: confident about ability to handle personal probs (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.

VARIABLE NAME	VARIABLE LABEL	VALUES	
jobenv	*****JOB ENVIRONMENT INVENTORY*****		
jei.rep	JEI: repeat the same job tasks over and over	JEIFRQ1	
jei.pace	JEI: you decide when you will work fast; take it easy	JEIFRQ1	
jei.way	JEI: you decide on the best way to get your job done	JEIFRQ1	
jei.much	JEI: you determine how much work you will do	JEIFRQ1	
jei.work	JEI: how much work do you have on the job?	JEIWRK	
jei.littl	JEI: do you find yourself with little to do?	JEIFRQ2	
jei.fast	JEI: does your job require you to work very fast?	JEIFRQ2	
jei.skill	JEI: you use the skills and knowledge you learned in school	JEIFRQ3	
jei.best	JEI: are you given a chance to do the things you do best?	JEIFRQ3	
jei.autscr	JEI: Job Environment Inventory - Job Autonomy Scale		jei.autscr = sum(jei.pace, jei.way, jei.much).
jei.sklscr	JEI: Job Environment Inventory - Job Skills Scale		jei.sklscr = sum(jei.rep, jei.fast, jei.skill, jei.best).
lifesat	*****SATISFACTION WITH LIFE*****		
swls.ideal	SWLS: my life is close to my ideal.	AGR17	
swls.excel	SWLS: conditions of my life are excellent.		
swls.satis	SWLS: I am satisfied with my life.		
swls.imprt	SWLS: I have gotten the important things I want in life.		
swls.chng_r	SWLS: if I could live life over, would change everything (rev)	AGR17R	
swls.total	SWLS: Satisfaction with Life Scale Total Score		swls.total = sum(swls.ideal, swls.excel, swls.satis, swls.imprt, swls.chng_r).
mast	*****MASTERY*****		
mst.slvprb	MST: no way I can solve some of the problems I have (rev)	AGR14R	
mst.pshd	MST: I feel that I am being pushed around in life (rev)	AGR14R	
mst.nocnt_r	MST: I have little control over things that happen to me (rev)	AGR14R	
mst.doany	MST: I can do anything I set my mind to do.	AGR14	
mst.hlpls_r	MST: I feel helpless in dealing with the problems of life (rev)	AGR14R	
mst.futr	MST: what happens to me in the future depends on me.	AGR14	
mst.chng_r	MST: little I can do to change important things (rev)	AGR14R	
mst.total	MST: Pearlin Mastery Scale Total Score		mst.total = sum(mst.slvprb, mst.pshd, mst.nocnt_r, mst.doany, mst.hlpls_r, mst.futr, mst.chng_r).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
depr	*****DEPRESSIVE SYMPTOMS*****		
cesd.depr	CES-D: felt depressed	CESD	
cesd.effrt	CES-D: felt that everything I did was an effort	CESD	
cesd.futr_r	CES-D: felt hopeful about the future (reversed)	CESDR	
cesd.fear	CES-D: felt fearful	CESD	
cesd.slp	CES-D: sleep was restless	CESD	
cesd.hap_r	CES-D: was happy (reversed)	CESDR	
cesd.lon	CES-D: felt lonely	CESD	
cesd.go	CES-D: could not get "going"	CESD	
cesd.bthr	CES-D: bothered by things that don't usually bother me	CESD	
cesd.mind	CES-D: had trouble keeping my mind on what I was doing	CESD	
cesd.total	CES-D: Depression Total Score		cesd.total = sum(cesd.depr, cesd.effrt, cesd.futr_r, cesd.fear, cesd.slp, cesd.hap_r, cesd.lon, cesd.go, cesd.bthr, cesd.mind).
lifeeng	*****LIFE ENGAGEMENT TEST*****		
let.purp_r	LET: There is not enough purpose in my life - reversed	AGR15	
let.plan	LET: It is important to me … to plan out where I'm going in life.	AGR15	
let.wrth	LET: To me, the things I do are all worthwhile.	AGR15	
let.goal	LET: I have many long-term goals that I will work to achieve.	AGR15	
let.triv_r	LET: Most of what I do seems trivial and unimportant to me (reversed)	AGR15R	
let.valu	LET: I value my activities a lot.	AGR15	
let.dnthk_r	LET: I don't think much about my long-term goals (reversed)	AGR15R	
let.dntcar_r	LET: I don't care very much about the things I do (reversed)	AGR15R	
let.reas	LET: I have lots of reasons for living.	AGR15	
let.total	LET: Life Engagement Test Total Score		let.total = sum(let.purp_r, let.plan, let.wrth, let.goal, let.triv_r, let.valu, let.dnthk_r, let.dntcar_r, let.reas).
relig	*****RELIGIOSITY*****		
rlg.aff_raw	RLG: What is your religious affiliation or preference? (RAW)	RLGAFF1	
rlg.aff_str	RLG: specify other religious affiliation		
rlg.aff	RLG: Religious affiliation - RECODE	RLGAFF2	Recoding based on participant responses to open-ended rlg.aff_str
rlg.attnd	RLG: How often do you attend religious services?	RLGFRQ1	

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
rlg.pray	RLG: How often pray/meditate privately in places other than religious buildings?	RLGFRQ2	
rlg.relg	RLG: To what extent do you consider yourself to be a religious person?	RLG	
rlg.sprt	RLG: To what extent do you consider yourself to be a spiritual person?	RLG	
zrlg.attnd	RLG: Zscore - How often do you attend religious services		
zrlg.pray	RLG: Zscore - How often do you pray/meditate		
zrlg.relg	RLG: Zscore - To what extent do you consider yourself...religious		
zrlg.sprt	RLG: Zscore - To what extent do you consider yourself...spiritual		
rlg.ztotal	RLG: religiosity sum score based on z-standardized items		rlg.ztotal = sum(zrlg.attnd, zrlg.pray, zrlg.relg, zrlg.sprt).
slfestm	*****SELF ESTEEM*****		
rse.good	RSE: I feel that I have a number of good qualities.	AGR14	
rse.able	RSE: I am able to do things as well as most other people.		
rse.wrth	RSE: I feel that I'm a person of worth...on an equal basis with others.		
rse.pos	RSE: I take a positive attitude toward myself.		
rse.total	RSE: Rosenberg 4-item Self Esteem Scale Total Score		rse.total = sum(rse.good, rse.able, rse.wrth, rse.pos).

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (1/5)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
STAQ	0=never	B&KFRQ	1=not very often	FRQ14A	1=almost never
	1=rarely		2 (unlabeled)		2=sometimes
	2=sometimes		3 (unlabeled)		3=fairly often
	3=frequently		4 (unlabeled)		4=very often
	4=always		5=very often		
				FRQ14B	0=if answered "no" to initial question
YES/NO	0=no	CCSS	1=never		1=almost never
	1=yes		2=less than once a month		2=sometimes
			3=at least once a month		3=fairly often
CHANCE	1=very low chances		4=at least once a week		4=very often
	2 (unlabeled)		5=every day		
	3=about even chances			MATHAP	0=very unhappy
	4 (unlabeled)	CMI	-2=disagree		2=response item 2
	5=very high chances		-1=slightly disagree		7=response item 3
			0=neutral		15=happy
MAR	0=not married		1=slightly agree		20=response item 5
	1=married/marriage-like relationship		2=agree		25=response item 6
					35=perfectly happy
MAR2	1=legally married (n=38)	CMIR	-2=agree		
	2=marriage-like relationship (n=17)		-1=slightly agree	MATAGR	0=always disagree
			0=neutral		1=almost always disagree
T/F	0=false		1=slightly disagree		2=frequently disagree
	1=true		2=disagree		3=occasionally disagree
					4=almost always agree
B&K	1=not very much	EXEM	-2=not at all willing		5=always agree
	2 (unlabeled)		-1 (unlabeled)		
	3 (unlabeled)		0=neutral	MATGV1	0=your partner giving in
	4 (unlabeled)		1 (unlabeled)		1=you giving in
	5=very much		2=very willing		10=agreement by mutual give and take

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (2/5)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
MATOUT	0=none of them	TF03	0=definitely false	RACC	0=never do this
	3=very few of them		1=probably false		1 (unlabeled)
	8=some of them		2=probably true		2=seldom do this
	10=all of them		3=definitely true		3 (unlabeled)
					4=sometimes do this
MATLEI1	1=to be "on the go"	TF03R	0=definitely true		5 (unlabeled)
	2=to stay at home		1=probably true		6=frequently do this
			2=probably false		7 (unlabeled)
MATFRQ	0=frequently		3=definitely false		8=constantly do this
	3=occasionally				
	8=rarely	RCITYP	1=typical	RACCR	0=constantly do this
	15=never		2=not typical		1 (unlabeled)
					2=frequently do this
MATMAR	0=marry or commit to a different person	RCID	0=did not do this		3 (unlabeled)
	1=not marry or commit at all		1=did this		4=sometimes do this
	15 marry or commit to the same person				5 (unlabeled)
		RCIS1*	1=I strongly disagree		6=seldom do this
MATCN1	0=almost never		7=I strongly agree		7 (unlabeled)
	2=rarely				8=never do this
	10=in most things	RCIS1R*	1=I strongly agree		
	11=in everything		7=I strongly disagree	RCMT	0=do not agree at all
					1 (unlabeled)
MATGV2	0=one partner by giving in	RCIS2*	1=not at all		2 (unlabeled)
	10=agreement by mutual give and take		7=a great extent		3 (unlabeled)
					4=agree somewhat
MATCN2	2=rarely	JSD*	0=not at all		5 (unlabeled)
	10=in most things/everything		4=a great deal		6 (unlabeled)
					7 (unlabeled)
MATLEI2	2=conflicting preferences				8=agree completely
	3=both prefer being "on the go"				
	10=both prefer to stay at home				

*integer values between labeled anchor points included as unlabeled response options

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (3/5)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
ACC04	0=not at all accurate	AGR15R	1=strongly agree	AGR16R	1=strongly agree
	1=a little accurate		2=agree		2=moderately agree
	2=moderately accurate		3=neutral		3=slightly agree
	3=quite a bit accurate		4=disagree		4=slightly disagree
	4=extremely accurate		5=strongly disagree		5=moderately disagree
					6=strongly disagree
ACC04R	0=extremely accurate	LIKE15	1=definitely does not sound like me		
	1=quite a bit accurate		2=does not sound like me	SNIMAR	1=married/marital-like relationship
	2=moderately accurate		3=neutral		2=never married/marital-like relationship
	3=a little accurate		4=sounds like me		3=separated
	4=not at all accurate		5=definitely sounds like me		4=divorced/formerly in marital-like relat.
					5=widowed
AGR04	0=strongly disagree	LIKE15R	1=definitely sounds like me		
	1=disagree		2=sounds like me	SNINUM	0=none or non-applicable
	2=neutral		3=neutral		1
	3=agree		4=does not sound like me		2
	4=strongly agree		5=definitely does not sound like me		3
					4
AGR04R	0=strongly agree	FRQ03	0=never		5
	1=agree		1=once in a while		6
	2=neutral		2=fairly often		7=7 or more
	3=disagree		3=very often		
	4=strongly disagree			SNIROLE	0=does not hold this role
		AGR16	1=strongly disagree		1=holds this role
STAXI	1=almost never		2=moderately disagree		
	2=sometimes		3=slightly disagree	SNIEM1	0=unchecked
	3=often		4=slightly agree		1=do not use email
	4=almost always		5=moderately agree		
			6=strongly agree	SNIEM2	0=no email communication
AGR15	1=strongly disagree				1=yes email communication
	2=disagree	T/F-R	0=true		
	3=neutral		1=false	SNIEM3	0=no/not applicable
	4=agree				1=yes
	5=strongly agree				

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (4/5)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
PEAT	1=never	FRQ04	0=never	JEIFRQ3	1=rarely
	2=less than once a month		1=almost never		2=sometimes
	3=at least once a month		2=sometimes		3=fairly often
	4=at least once a week		3=fairly often		4=very often
	5=every day		4=very often		
	6=not applicable - do not enjoy			AGR17	1=strongly disagree
		FRQ04R	0=very often		2=disagree
PEATRCD	0=never		1=fairly often		3=slightly disagree
	1=less than once a month		2=sometimes		4=neither agree or disagree
	2=at least once a month		3=almost never		5=slightly agree
	3=at least once a week		4=never		6=agree
	4=every day				7=strongly agree
		JEIFRQ1	1=every day		
BIRD	0=no bird		2=not every day, but most days	AGR17R	1=strongly agree
	1=has bird		3=a few days a week		2=agree
			4=several days a month		3=slightly agree
CAT	0=no cat		5=hardly ever, I usually do something		4=neither agree or disagree
	1=has cat		different every day		5=slightly disagree
					6=disagree
DOG	0=no dog	JEIWRK	1=a great deal		7=strongly disagree
	1=has dog		2=some		
			3=a little	AGR14	1=strongly disagree
PETOTH	0=no "other" pet		4=hardly any		2=disagree
	1=has "other" pet				3=agree
		JEIFRQ2	1=almost the entire time I am on the job		4=strongly agree
PETIMP	1=extremely important to you		2=not the whole time, but most of the time		
	2=very important to you		3=about half the time	AGR14R	1=strongly agree
	3=fairly important to you		4=less than half the time		2=agree
	4=not too important to you		5=hardly ever		3=disagree
	5=not at all important to you				4=strongly disagree

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (5/5)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
CESD	0=rarely	RLGAFF2	1=Protestant	RLGFRQ2	1=never
	1=some of the time		2=Roman Catholic		2=less than once a month
	2=occasionally		3=Jewish		3=once a month
	3=most of the time		4=other Christian		4=a few times a month
			5=other religion		5=once a week
CESDR	0=most of the time		6=none		6=a few times a week
	1=occasionally				7=once a day
	2=some of the time	RLGFRQ1	1=never		8=more than once a day
			2=less than once a year		
RLGAFF1	1=Protestant		3=about once or twice a year	RLG	1=not at all
	2=Roman Catholic		4=several times a year		2 (unlabeled)
	3=Jewish		5=about once a month		3 (unlabeled)
	4=Orthodox Religion		6=two or three times a month		4=very
	(e.g., Greek or Russian Orthodox)		7=nearly every week		
	5=other religion		8=every week		
	6=none		9=several times a week		

SELF-REPORTED HEALTH

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
SLFHLTH	*****SELF-REPORTED HEALTH DATA*****		
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.genhlth	Self-reported Health: SF36, general health	GENHLTH	
srh.hlthbet	Self-reported Health: SF36, health compared to one year ago	HLTHBET	

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

Code	Value Labels	Code	Value Labels
GENHLTH	1=excellent	HLTHBET	1=much better now
	2=very good		2=somewhat better now
	3=good		3=about the same
	4=fair		4=somewhat worse now
	5=poor		5=much worse now

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		
month	Month of trial	MONTH	
month_str	Month of 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.
bddate1	Date of 1st blood draw (4-6 wks pre-quarantine)		
bdtime1	Time of day of 1st blood draw (4-6 wks pre-quarantine)		
bddate2	Date of 2nd blood draw (Quarantine Day 0)		
bdtime2	Time of day of 2nd blood draw (Quarantine Day 0)		

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

Code	Value Labels	Code	Value Labels
MONTH	1=January	SEASON	1=winter (Dec-Jan-Feb)
	2=February		2=spring (Mar-Apr-May)
	3=March		3=summer (Jun-Jul-Aug)
	4=April		4=fall (Sep-Oct-Nov)
	5=May		
	6=June		
	7=July		
	8=August		
	9=September		
	10=October		
	11=November		
	12=December		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
qaffect	*****AFFECT IN QUARANTINE*****		
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		
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		
q2.sad	Quarantine Day 2 sad		
q3.sad	Quarantine Day 3 sad		
q4.sad	Quarantine Day 4 sad		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q5.sad	Quarantine Day 5 sad		
q6.sad	Quarantine Day 6 sad		
q_1.fpep	Quarantine Day -1 full of pep		
q0.fpep	Quarantine Day 0 full of pep	AFF04	
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		
q1.fatig	Quarantine Day 1 fatigued		
q2.fatig	Quarantine Day 2 fatigued		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
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		
q_1.tense	Quarantine Day -1 tense	AFF04	
q0.tense	Quarantine Day 0 tense		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
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.vigscr	Quarantine Day -1 Vigor subscale score		q_1.vigscr = sum.2(q_1.fpep, q_1.lively).
q0.vigscr	Quarantine Day 0 Vigor subscale score		(computation repeated for all days in quarantine)
q1.vigscr	Quarantine Day 1 Vigor subscale score		
q2.vigscr	Quarantine Day 2 Vigor subscale score		
q3.vigscr	Quarantine Day 3 Vigor subscale score		
q4.vigscr	Quarantine Day 4 Vigor subscale score		
q5.vigscr	Quarantine Day 5 Vigor subscale score		
q6.vigscr	Quarantine Day 6 Vigor subscale score		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.wlbgscr	Quarantine Day -1 Well-Being subscale score		q_1.wlbgscr = sum.2(q_1.chrfl, q_1.happy) (computation repeated for all days in quarantine)
q0.wlbgscr	Quarantine Day 0 Well-Being subscale score		
q1.wlbgscr	Quarantine Day 1 Well-Being subscale score		
q2.wlbgscr	Quarantine Day 2 Well-Being subscale score		
q3.wlbgscr	Quarantine Day 3 Well-Being subscale score		
q4.wlbgscr	Quarantine Day 4 Well-Being subscale score		
q5.wlbgscr	Quarantine Day 5 Well-Being subscale score		
q6.wlbgscr	Quarantine Day 6 Well-Being subscale score		
q_1.calmscr	Quarantine Day -1 Calm subscale score		q_1.calmscr = sum.2(q_1.calm, q_1.ease) (computation repeated for all days in quarantine)
q0.calmscr	Quarantine Day 0 Calm subscale score		
q1.calmscr	Quarantine Day 1 Calm subscale score		
q2.calmscr	Quarantine Day 2 Calm subscale score		
q3.calmscr	Quarantine Day 3 Calm subscale score		
q4.calmscr	Quarantine Day 4 Calm subscale score		
q5.calmscr	Quarantine Day 5 Calm subscale score		
q6.calmscr	Quarantine Day 6 Calm subscale score		
q_1.posaf	Quarantine Day -1 Positive Affect score		q_1.posaf = sum.3(q_1.vigscr, q_1.wlbgscr, q_1.calmscr) (computation repeated for all days in quarantine)
q0.posaf	Quarantine Day 0 Positive Affect score		
q1.posaf	Quarantine Day 1 Positive Affect score		
q2.posaf	Quarantine Day 2 Positive Affect score		
q3.posaf	Quarantine Day 3 Positive Affect score		
q4.posaf	Quarantine Day 4 Positive Affect score		
q5.posaf	Quarantine Day 5 Positive Affect score		
q6.posaf	Quarantine Day 6 Positive Affect score		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q_1.angscr	Quarantine Day -1 Anger subscale score		q_1.angscr = sum.2(q_1.hostl , q_1.angry) (computation repeated for all days in quarantine)
q0.angscr	Quarantine Day 0 Anger subscale score		
q1.angscr	Quarantine Day 1 Anger subscale score		
q2.angscr	Quarantine Day 2 Anger subscale score		
q3.angscr	Quarantine Day 3 Anger subscale score		
q4.angscr	Quarantine Day 4 Anger subscale score		
q5.angscr	Quarantine Day 5 Anger subscale score		
q6.angscr	Quarantine Day 6 Anger subscale score		
q_1.anxscr	Quarantine Day -1 Anxiety subscale score		q_1.anxscr = sum.2(q_1.edge, q_1.tense). (computation repeated for all days in quarantine)
q0.anxscr	Quarantine Day 0 Anxiety subscale score		
q1.anxscr	Quarantine Day 1 Anxiety subscale score		
q2.anxscr	Quarantine Day 2 Anxiety subscale score		
q3.anxscr	Quarantine Day 3 Anxiety subscale score		
q4.anxscr	Quarantine Day 4 Anxiety subscale score		
q5.anxscr	Quarantine Day 5 Anxiety subscale score		
q6.anxscr	Quarantine Day 6 Anxiety subscale score		
q_1.dprsscr	Quarantine Day -1 Depressed subscale score		q_1.dprsscr = sum.2(q_1.sad, q_1.unhpy). (computation repeated for all days in quarantine)
q0.dprsscr	Quarantine Day 0 Depressed subscale score		
q1.dprsscr	Quarantine Day 1 Depressed subscale score		
q2.dprsscr	Quarantine Day 2 Depressed subscale score		
q3.dprsscr	Quarantine Day 3 Depressed subscale score		
q4.dprsscr	Quarantine Day 4 Depressed subscale score		
q5.dprsscr	Quarantine Day 5 Depressed subscale score		
q6.dprsscr	Quarantine Day 6 Depressed subscale score		

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

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
post.calmscr	Average post-challenge Calm score		rhinovirus: post.calmscr = mean(q1.calmscr to q5.calmscr)
			flu: post.calmscr = mean(q1.calmscr to q6.calmscr)
post.wlbgscr	Average post-challenge Well-Being score		rhinovirus: post.wlbgscr = mean(q1.wlbgscr to q5.wlbgscr)
			flu: post.wlbgscr = mean(q1.wlbgscr to q6.wlbgscr)
post.vigscr	Average post-challenge Vigor score		rhinovirus: post.vigscr = mean(q1.vigscr to q5.vigscr)
			flu: post.vigscr = mean(q1.vigscr to q6.vigscr)
post.angscr	Average post-challenge Anger score		rhinovirus: post.angscr = mean(q1.angscr to q5.angscr)
			flu: post.angscr = mean(q1.angscr to q6.angscr)
post.anxscr	Average post-challenge Anxiety score		rhinovirus: post.anxscr = mean(q1.anxscr to q5.anxscr)
			flu: post.anxscr = mean(q1.anxscr to q6.anxscr)
post.dprsscr	Average post-challenge Depressed score		rhinovirus: post.dprsscr = mean(q1.dprsscr to q5.dprsscr)
			flu: post.dprsscr = mean(q1.dprsscr to q6.dprsscr)
post.fatgscr	Average post-challenge Fatigue score		rhinovirus: post.fatgscr = mean(q1.fatgscr to q5.fatgscr)
			flu: post.fatgscr = mean(q1.fatgscr to q6.fatgscr)
post.posaf	Average post-challenge Positive Affect score		rhinovirus: post.posaf = mean(q1.posaf to q5.posaf)
			flu: post.posaf = mean(q1.posaf to q6.posaf)
post.negaf	Average post-challenge Negative Affect score		rhinovirus: post.negaf = mean(q1.negaf to q5.negaf)
			flu: post.negaf = mean(q1.negaf to q6.negaf)
post.negftg	Average post-challenge (including Fatigue subscale)		rhinovirus: post.negftg = mean(q1.negftg to q5.negftg)
			flu: post.negftg = mean(q1.negftg to q6.negftg)

AFFECT AND HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUES	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		

VARIABLE NAME	VARIABLE LABEL	VALUES	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.exerc	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?		
q0.rested	Pre-challenge (Day 0) - Rested this morning?	YES/NO	
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)		

AFFECT AND HEALTH BEHAVIORS IN QUARANTINE

VARIABLE NAME	VARIABLE LABEL	VALUES	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

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
DAILYINT	*****BEGIN AGGREGATED DAILY INTERVIEW DATA*****		
di.totcomplete	DI - Total days with interview		di.totcomplete = sum(di1.intyes to di14.intyes).
di.totwkdays	DI - Total # weekday interviews (Mon-Fri)		di.totwkdays = sum(di1.wkday to di14.wkday).
di.totwndays	DI - Total # weekend day interviews (Sat & Sun)		di.totwndays = sum(di1.wnday to di14.wnday).
			Additional details on the computation of weekday and weekend variables can be found on the Interview Weekday-Weekend calculation sheet.
dailyaff	*****AVERAGE DAILY AFFECT*****		
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.ang_avg	DI - Average Daily Affect: angry		di.ang_avg = mean(di1.ang to di14.ang).
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).
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).

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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 - Avg Daily Affect: negative affect score + fatigue subscale		di.negftg_avg = mean(di1.negftg to di14.negftg).
dailybeh	*****AVERAGE/TOTAL DAILY HEALTH BEHAVIORS*****		
di.smkdays	DI - Total # interview days smoked		di.smkdays = mean(di1.smk to di14.smk)*14.
di.smkn_avg	DI - Avg # cigarettes smoked per day - all interviews		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)*14)/di.smkdays.
di.alcdays	DI - Total # interview days consumed alcohol		di.alcdays = mean(di1.alc to di14.alc)*14.
di.alcn_avg	DI - Avg # alcoholic drinks consumed per day - all interviews		di.alcn_avg = mean(di1.alcn to di14.alcn).
di.alcn_avg2	DI - Avg # alcoholic drinks consumed per day - drinking days only		di.alcn_avg2 = (sum(di1.alcn to di14.alcn))/di.alcdays.
di.exrdays	DI - Total # interivew days exercised		di.exrdays = mean(di1.exr to di14.exr)*14.
di.exrn_avg	DI - Avg # minutes exercised per day - all interviews		di.exrn_avg = mean(di1.exrn to di14.exrn).
di.exrn_avg2	DI - Avg # minutes exercised per day - exercise days only		di.exrn_avg2 = (sum(di1.exrn to di14.exrn))/di.exrdays.
di.bedmin_avg	DI - Avg total time in bed (minutes)		di.bedmin_avg = mean(di1.bedmin to di14.bedmin).
di.slpmin_avg	DI - Avg sleep duration (minutes)		di.slpmin_avg = mean(di1.slpmin to di14.slpmin).
di.slplost_avg	DI - Avg self-reported sleep lost (minutes)		di.slplost_avg = mean(di1.slplost to di14.slplost).
di.awake_avg	DI - Avg time in bed intentionally awake (minutes)		di.awake_avg = mean(di1.awake to di14.awake).
di.slphr_avg	DI - Avg sleep duration (hours)		di.slphr_avg = mean(di1.slphr to di14.slphr).
di.slpeff_avg	DI - Avg sleep efficiency		di.slpeff_avg = mean(di1.slpeff to di14.slpeff).
di.restdays	DI - Total # interview mornings feeling rested		di.restdays = mean(di1.rested to di14.rested)*14.
actagg	*****AGGREGATED DAILY ACTIVITIES*****		
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.

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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.
di.totact_avg	DI: Avg # activities per day		di.totact_avg = mean(di1.totact to di14.totact).
di.actcat_avg	DI: Avg # activity categories per day		di.actcat_avg = mean(di1.actcat to di14.actcat).
di.mealn_avg	DI: Avg # meals/drinks/snacks per day		di.mealn_avg = mean(di1.mealn to di14.mealn).
di.leishomen_avg	DI: Avg # leisure activities at home per day		di.leishomen_avg = mean(di1.leishomen to di14.leishomen).
di.leisoutn_avg	DI: Avg # leisure activities outside home per day		di.leisoutn_avg = mean(di1.leisoutn to di14.leisoutn).
di.hsewrkn_avg	DI: Avg # housework activities per day		di.hsewrkn_avg = mean(di1.hsewrkn to di14.hsewrkn).
di.errandsn_avg	DI: Avg # personal/family errands per day		di.errands_avg = mean(di1.errands to di14.errands).
di.othact1n_avg	DI: Avg # other activity (1) per day		di.othact1n_avg = mean(di1.othact1n to di14.othact1n).
di.othact2n_avg	DI: Avg # other activity (2) per day		di.othact2n_avg = mean(di1.othact2n to di14.othact2n).
dailysoc	*****SOCIAL INTERACTION TOTALS AND AVERAGES*****		
di.socdays	DI: Total interview days with social interaction		di.socdays = sum(di1s.socint to di14s.socint).
di.totsoc_avg	DI: Avg # social interactions per day - all interview days		di.totsoc_avg = mean(di1s.totsoc to di14s.totsoc).
di.totsoc_avg2	DI: Avg # social interactions per day - social interxn days only		di.totsoc_avg2 = sum(di1s.totsoc to di14s.totsoc)/di.socintdys.
di.totpart_avg	DI: Avg # social interxn partners per day - all interview days		di.totpart_avg = mean(di1s.totpart to di14s.totpart).
di.totpart_avg2	DI: Avg # social interxn partners per day - social interxn days only		di.totpart_avg2 = sum(di1s.totpart to di14s.totpart)/di.socintdys.
di.doms_avg	DI: Avg # domains interacted with per day - all interview days		di.doms_avg = mean(di1s.domains to di14s.domains).
di.doms_avg2	DI: Avg #domains interacted w/per day - social interxn days only		di.doms_avg2 = sum(di1s.domains to di14s.domains)/di.socintdys.
di.uniq_avg	DI: Avg # unique interxn partners per day - all interview days		di.uniq_avg = mean(di1s.unique to di14s.unique).
di.uniq_avg2	DI: Avg #unique interxn partners per day - soc interxn days only		di.uniq_avg2 = sum(di1s.unique to di14s.unique)/di.socintdys.
di.shar1nsdys	DI: other intrxn - Total days you shared with another person		di.shar1nsdys = sum(di1s.shar1ns to di14s.shar1ns).
di.int1ns_avg	DI: other intrxn - Avg other person interested		di.int1ns_avg = mean(di1s.int1ns to di14s.int1ns).
di.crt1ns_avg	DI: other intrxn - Avg other person critical		di.crt1ns_avg = mean(di1s.crt1ns to di14s.crt1ns).
di.car1ns_avg	DI: other intrxn - Avg other person caring		di.car1ns_avg = mean(di1s.car1ns to di14s.car1ns) .
di.brd1ns_avg	DI: other intrxn - Avg other person burdened		di.brd1ns_avg = mean(di1s.brd1ns to di14s.brd1ns) .
di.sup1ns_avg	DI: other intrxn - Avg support rec'd from other person		di.sup1ns_avg = mean(di1s.sup1ns to di14s.sup1ns) .

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.shar2nsdys	DI: other intrxn - Total days another person shared with you		di.shar2nsdys = sum(di1s.shar2ns to di14s.shar2ns).
di.int2ns_avg	DI: other intrxn - Avg you were interested		di.int2ns_avg = mean(di1s.int2ns to di14s.int2ns).
di.crt2ns_avg	DI: other intrxn - Avg you were critical		di.crt2ns_avg = mean(di1s.crt2ns to di14s.crt2ns).
di.car2ns_avg	DI: other intrxn - Avg you were caring		di.car2ns_avg = mean(di1s.car2ns to di14s.car2ns) .
di.brd2ns_avg	DI: other intrxn - Avg you were burdened		di.brd2ns_avg = mean(di1s.brd2ns to di14s.brd2ns) .
di.sup2ns_avg	DI: other intrxn - Avg support given to other person		di.sup2ns_avg = mean(di1s.sup2ns to di14s.sup2ns) .
di.tennsdays	DI: other intrxn - Total days of tension with another person		di.tennsdays = mean(di1s.tenns to di14s.tenns)*14.
di.angns_avg	DI: other intrxn - Avg angry		di.angns_avg = mean(di1s.angns to di14s.angns).
di.misns_avg	DI: other intrxn - Avg misunderstood		di.misns_avg = mean(di1s.misns to di14s.misns).
di.upsns_avg	DI: other intrxn - Avg upset		di.upsns_avg = mean(di1s.upsns to di14s.upsns).
di.unfns_avg	DI: other intrxn - Avg treated unfairly		di.unfns_avg = mean(di1s.unfns to di14s.unfns).
di.tenns_avg	DI: other intrxn - Avg tension severity		di.tenns_avg = mean(di1s.tenns_sev to di14s.tenns_sev).
di.ruminnsdays	DI: other intrxn - Total days thought about previous day's tension		di.ruminnsdays = sum(di1s.ruminns to di14s.ruminns).
di.bothrns_avg	DI: other intrxn - Avg bothered by previous day's tension - ruminating days only		di.bothrns_avg = mean(di1s.bothrns to di14s.bothrns).
di.romnsdays	DI: other intrxn - Total days spent romantic time with another person		di.romnsdays = mean(di1s.romns to di14s.romns)*14.
di.shar1spdys	DI: spouse intrxn - Total days you shared with spouse		di.shar1spdys = mean(di1s.shar1sp to di14s.shar1sp)*14.
di.int1sp_avg	DI: spouse intrxn - Avg spouse interested		di.int1sp_avg = mean(di1s.int1sp to di14s.int1sp).
di.crt1sp_avg	DI: spouse intrxn - Avg spouse critical		di.crt1sp_avg = mean(di1s.crt1sp to di14s.crt1sp).
di.car1sp_avg	DI: spouse intrxn - Avg spouse caring		di.car1sp_avg = mean(di1s.car1sp to di14s.car1sp) .
di.brd1sp_avg	DI: spouse intrxn - Avg spouse burdened		di.brd1sp_avg = mean(di1s.brd1sp to di14s.brd1sp) .
di.sup1sp_avg	DI: spouse intrxn - Avg support received from spouse		di.sup1sp_avg = mean(di1s.sup1sp to di14s.sup1sp) .
di.shar2spdys	DI: spouse intrxn - Total days spouse shared with you		di.shar2spdys = mean(di1s.shar2sp to di14s.shar2sp)*14.
di.int2sp_avg	DI: spouse intrxn - Avg interested in spouse		di.int2sp_avg = mean(di1s.int2sp to di14s.int2sp).
di.crt2sp_avg	DI: spouse intrxn - Avg critical of spouse		di.crt2sp_avg = mean(di1s.crt2sp to di14s.crt2sp).
di.car2sp_avg	DI: spouse intrxn - Avg caring toward spouse		di.car2sp_avg = mean(di1s.car2sp to di14s.car2sp).
di.brd2sp_avg	DI: spouse intrxn - Avg burdened by spouse		di.brd2sp_avg = mean(di1s.brd2sp to di14s.brd2sp).
di.sup2sp_avg	DI: spouse intrxn - Avg support given to spouse		di.sup2sp_avg = mean(di1s.sup2sp to di14s.sup2sp) .

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.tenspdays	DI: spouse intrxn - Total days of tension with spouse		di.tenspdays = mean(di1s.tensp to di14s.tensp)*14.
di.angsp_avg	DI: spouse intrxn - Avg angry		di.angsp_avg = mean(di1s.angsp to di14s.angsp).
di.missp_avg	DI: spouse intrxn - Avg misunderstood		di.missp_avg = mean(di1s.missp to di14s.missp).
di.upssp_avg	DI: spouse intrxn - Avg upset		di.upssp_avg = mean(di1s.upssp to di14s.upssp).
di.unfsp_avg	DI: spouse intrxn - Avg treated unfairl		di.unfsp_avg = mean(di1s.unfsp to di14s.unfsp).
di.tensp_avg	DI: spouse intrxn - Avg tension severity		di.tensp_avg = mean(di1s.tensp_sev to di14s.tensp_sev).
di.ruminspdays	DI: spouse intrxn - Total days thought about previous day's tension with spouse		di.ruminspdays = sum(di1s.ruminsp to di14s.ruminsp).
di.bothrsp_avg	DI: spouse intrxn - Avg bothered by previous day's tension - ruminating days only		di.bothrsp_avg = mean(di1s.bothrsp to di14s.bothrsp).
di.romspdays	DI: spouse intrxn - Total days romantic time with spouse		di.romspdays = mean(di1s.romsp to di14s.romsp)*14.
di.shar1days	DI: Total days you shared with spouse or other person		di.shar1days = mean(di1s.shar1 to di14s.shar1)*14.
di.shar2days	DI: Total days spouse or other person shared with you		di.shar2days = mean(di1s.shar2 to di14s.shar2)*14.
di.tendays	DI: Total days of tension with spouse or other person		di.tendays = mean(di1s.ten to di14s.ten)*14.
di.ten_avg	DI: Avg tension severity (spouse or other) - all interview days		di.ten_avg = mean(di1s.ten_sev to di14s.ten_sev).
di.hugdays	DI: Total days with hug		di.hugdays = mean(di1s.hug to di14s.hug)*14.
dailysym	*****AVERAGE/TOTAL DAILY SYMPTOMS*****		
di.sneez_avg	DI - Average daily interview sneezing		di.sneez_avg = mean(di1.sneez to di14.sneez).
di.runno_avg	DI - Average daily interview runny nose		di.runno_avg = mean(di1.runno to di14.runno).
di.nascon_avg	DI - Average daily interview congestion		di.nascon_avg = mean(di1.nascon to di14.nascon).
di.cough_avg	DI - Average daily interview cough		di.cough_avg = mean(di1.cough to di14.cough).
di.srthr_avg	DI - Average daily interview sore throat		di.srthr_avg = mean(di1.srthr to di14.srthr).
di.hdach_avg	DI - Average daily interview headache		di.hdach_avg = mean(di1.hdach to di14.hdach).
di.chill_avg	DI - Average daily interview chills		di.chill_avg = mean(di1.chill to di14.chill).
di.malais_avg	DI - Average daily interview malaise		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).

Return to ToC

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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).

Return to ToC

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.

Two AUC variables were computed. The first variable was computed using all post-waking samples whereas the second variable was computed using only those samples that were collected within a predetermined window surrounding the scheduled collection time. Calculations for both of these variables are identical, except that the latter is computed using variables with the **_win** suffix.

```
* 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) and missing(slva.pre1cort7)) or (missing(pre1time6) and 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) and missing(slva.pre1cort6)) or (missing(pre1time5) and 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) and missing(slva.pre1cort5)) or (missing(pre1time4) and 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) and missing(slva.pre1cort7)) or (missing(pre1time5) and 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) and missing(slva.pre1cort6)) or (missing(pre1time4) and 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) and missing(slva.pre1cort7)) or (missing(pre1time4) and 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).
```

Return to ToC

QUARANTINE DAY 0 SALIVARY CORTISOL AUC CALCULATIONS

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

Two AUC variables were computed. The first variable was computed using all post-waking samples whereas the second variable was computed using only those samples that were collected within a predetermined window surrounding the scheduled collection time. Calculations for both of these variables are identical, except that the latter is computed using variables with the **_win** suffix.

```
* CALCULATE HOTEL 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(q0time5))
  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).
```

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COMPUTATION OF VARIABLES INDICATING WHETHER A GIVEN INTERVIEW DAY TOOK PLACE DURING THE WEEK (M-F) OR ON THE WEEKEND (SAT-SUN)

```
do repeat day = di1.day di2.day di3.day di4.day di5.day di6.day di7.day di8.day di9.day di10.day di11.day di12.day di13.day di14.day
/wkday = di1.wkday di2.wkday di3.wkday di4.wkday di5.wkday di6.wkday di7.wkday di8.wkday di9.wkday di10.wkday di11.wkday di12.wkday di13.wkday di14.wkday
/wnday = di1.wnday di2.wnday di3.wnday di4.wnday di5.wnday di6.wnday di7.wnday di8.wnday di9.wnday di10.wnday di11.wnday di12.wnday di13.wnday di14.wnday.

do if (day = "Mon" or day = "Tue" or day = "Wed" or day = "Thu" or day = "Fri").
compute wkday = 1.
compute wnday = 0.
end if.

do if (day = "Sat" or day = "Sun").
compute wnday = 1.
compute wkday = 0.
end if.

end repeat.
execute.
```