Pittsburgh Cold Study 3

2007-2011

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Code Book

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Introduction

Pittsburgh Cold Study 3 (PCS3) was a prospective viral challenge study with data collected from 2007-2011 among healthy volunteers ages 18-55 (mean 30.1; SD 10.9). This study extended work on the role of childhood environment in common cold susceptibility by including additional retrospective measures of childhood and adolescent experience, such as parental social participation, parental bonding, family structure and relationships, neighborhood physical and social environments, and childhood physical health. Numerous other social, psychological and behavioral measures were administered during the pre-challenge baseline period as well, including assessments of current social relationships, personal attributes, stressful life events, personality characteristics, and health practices. PCS3 also included detailed daily interviews (14 days) with participants to assess health behaviors, mood, and daily social interactions. One of the novel features of PCS3 is that it introduced several additional biological assessments prior to viral challenge, including markers of biological aging (e.g., telomere length in lymphocytes, oxidative stress), cardiovascular and cortisol reactivity to acute laboratory stress, and cytokine and glucocorticoid and adrenergic receptor genotypes. 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 123 men and 90 women from the Pittsburgh, Pennsylvania metropolitan area who responded to newspaper advertisements and were judged to be in good health after a medical examination. Prior to enrollment, volunteers completed a telephone screening interview followed by an in-person physical health evaluation conducted by a study physician. To maximize the rate of infection, only eligible volunteers with viral-specific antibody titers ≤4 were included in the study. After completing baseline psychosocial questionnaires and biological assessments (e.g., biological aging markers, saliva cortisol), participants were administered nasal drops containing rhinovirus 39 (RV39). They were then followed in quarantine for 5 days and monitored for development of infection and objective signs of illness (see viral challenge timeline below). Approximately 28 days after virus exposure, blood was collected for serological testing. Participants were considered to have a cold if they were both infected with the challenge virus and met illness criteria. All individuals who completed the study received $1,000 for their participation, plus an additional $60 if they provided hair samples for cortisol analysis.

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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 categories that appear on the Common Cold Study website. 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. With the exception of some of the Childhood Experience variables, all missing data are represented by empty cells. Missing childhood data are represented by 3-digit codes (i.e., 777, 888, 999) where indicated.

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

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
subj_id	subject ID		
study.id	Cold Study ID	STUDYID	
INFCOLD	****ASSESSMENT OF INFECTION & COLDS DATA****		
screen_ab	screening viral-specific Ab titer	AB1	
pre_ab	pre-challenge viral-specific Ab titer	AB1	
post_ab	post-challenge viral-specific Ab titer	AB1	
pcs3.screen_ab	screening Ab titers as coded in original PCS3 dataset	AB2	
pcs3.pre_ab	pre-challenge Ab titers as coded in original PCS3 dataset	AB2	
pcs3.post_ab	post-challenge Ab titers as coded in original PCS3 dataset	AB2	
seroconv	Seroconversion based on pre_ab -> post_ab	SERO	
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)		
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)		
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)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.mucwt_adj	Post-challenge Day 1 mucus weight (g) - adjusted		q1.mcwt_adj = q1.mcwt - q0.mcwt (repeated for all 5 post-challenge values) NOTE: if q1.mcwt - q0.mcwt lt 0, q1.mcwt_adj = 0.
q2.mucwt_adj	Post-challenge Day 2 mucus weight (g) - adjusted		
q3.mucwt_adj	Post-challenge Day 3 mucus weight (g) - adjusted		
q4.mucwt_adj	Post-challenge Day 4 mucus weight (g) - adjusted		
q5.mucwt_adj	Post-challenge Day 5 mucus weight (g) - adjusted		
post.mucwt_tot	Total Adjusted Post-challenge Mucus Weight (g)		post.mucwt_adj = sum(q1.mcwt_adj to q5mcwt_adj)
q1.nasclr_adj	Post-challenge Day 1 nasal clearance (min) - adjusted		q1.nasclr_adj = q1.nasclr - q0.nasclr (repeated for all 5 post-challenge values) NOTE: if q1.nasclr - q0.nasclr lt 0, q1.nasclr_adj = 0.
q2.nasclr_adj	Post-challenge Day 2 nasal clearance (min) - adjusted		
q3.nasclr_adj	Post-challenge Day 3 nasal clearance (min) - adjusted		
q4.nasclr_adj	Post-challenge Day 4 nasal clearance (min) - adjusted		
q5.nasclr_adj	Post-challenge Day 5 nasal clearance (min) - adjusted		
post.nasclr_avg	Avg Adjusted Post Nasal Clearance Time (min)		post.nasclr_adj = mean(q1.nasclr_adj to q5nasclr_adj)
post.infected	Meets criteria for infection?	YES/NO	if (seroconv = 1 or post.shedany = 1) post.infected = 1; if (seroconv = 0 and post.shedany = 0) post.infected = 0.
post.objcold	Meets objective criteria for cold?	YES/NO	if (post.infected=1) and (post.mucwt_adj≥10 or post.nasclr_adj ≥7) post.objcold=1. if (post.infected=0) or (post.mucwt_adj<10 and post.nasclr_adj<7) post.objcold=0.
q1.shed	Post-challenge Day 1 virus shedding	YES/NO	
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		
post.totshed	Total post-challenge days shed virus		post.totshed = sum(q1.shed to q5.shed).
post.shedany	Any post-challenge virus shedding?	YES/NO	post.totshed ge 1, post.shedany = 1; if post.totshed = 0, post.shedany = 0.

INFECTION AND COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
symp	*****SELF-REPORTED COLD SYMPTOMS*****		
q0.nascon	Pre-challenge (Day 0) nasal congestion	SYMPSEV	
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		
q0.sneez	Pre-challenge (Day 0) sneezing	SYMPSEV	
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		
q0.runno	Pre-challenge (Day 0) runny nose	SYMPSEV	
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		
q0.srthr	Pre-challenge (Day 0) sore throat	SYMPSEV	
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		
q0.cough	Pre-challenge (Day 0) cough	SYMPSEV	
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		

INFECTION AND COLDS

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

INFECTION AND COLDS

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

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q3.earach	Post-challenge Day 3 earache		
q4.earach	Post-challenge Day 4 earache		
q5.earach	Post-challenge Day 5 earache		
q0.sinpn	Pre-challenge (Day 0) sinus pain	SYMPSEV	
q1.sinpn	Post-challenge Day 1 sinus pain		
q2.sinpn	Post-challenge Day 2 sinus pain		
q3.sinpn	Post-challenge Day 3 sinus pain		
q4.sinpn	Post-challenge Day 4 sinus pain		
q5.sinpn	Post-challenge Day 5 sinus pain		
generalillness	***GENERAL ILLNESS SYMPTOMS IN QUARANTINE***		
q0.poorap	Pre-challenge (Day 0) poor appetite	SYMPSEV	
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		
endrawdata	****END OF RAW SYMPTOM 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		
q1.runno_adj	Post-challenge Day 1 runny nose - adjusted		q1.runno_adj = q1.runno-q0.runno (repeated for all 5 post-challenge values) 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		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.sneez_adj	Post-challenge Day 1 sneezing - adjusted		q1.sneez_adj = q1.sneez-q0.sneez (repeated for all 5 post-challenge values) 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		
q1.srthr_adj	Post-challenge Day 1 sore throat - adjusted		q1.srthr_adj = q1.srthr-q0.srthr (repeated for all 5 post-challenge values) 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		
q1.nascon_adj	Post-challenge Day 1 nasal congestion - adjusted		q1.nascon_adj = q1.nascon-q0.nascon (repeated for all 5 post-challenge values) 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		
q1.cough_adj	Post-challenge Day 1 cough - adjusted		q1.cough_adj = q1.cough-q0.cough (repeated for all 5 post-challenge values) 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		
q1.hdach_adj	Post-challenge Day 1 headache - adjusted		q1.hdach_adj = q1.hdach-q0.hdach (repeated for all 5 post-challenge values) 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		

INFECTION AND COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.chill_adj	Post-challenge Day 1 chills - adjusted		q1.chill_adj = q1.chill-q0.chill (repeated for all 5 post-challenge values) 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		
q1.malais_adj	Post-challenge Day 1 malaise - adjusted		q1.malais_adj = q1.malais-q0.malais (repeated for all 5 post-challenge values) 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		
q1.jacksn_scr_adj	Post-challenge 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-challenge Day 2 Adjusted Jackson Symptom Score		
q3.jacksn_scr_adj	Post-challenge Day 3 Adjusted Jackson Symptom Score		
q4.jacksn_scr_adj	Post-challenge Day 4 Adjusted Jackson Symptom Score		
q5.jacksn_scr_adj	Post-challenge Day 5 Adjusted Jackson Symptom Score		
q0.totsymp	Pre-challenge (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		
q1.msclach_adj	Post-challenge Day 1 muscle ache - adjusted		q1.msclach_adj = q1.msclach-q0.msclach (repeated for all 5 post-challenge values) 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		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.jntach_adj	Post-challenge Day 1 joint ache - adjusted		q1.jntach_adj = q1.jntach-q0.jntach (repeated for all 5 post-challenge values) 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		
q1.sweat_adj	Post-challenge Day 1 sweating - adjusted		q1.sweat_adj = q1.sweat-q0.sweat (repeated for all 5 post-challenge values) 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		
q1.fever_adj	Post-challenge Day 1 fever - adjusted		q1.fever_adj = q1.fever-q0.fever (repeated for all 5 post-challenge values) 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		
q1.chstcon_adj	Post-challenge Day 1 chest congestion - adjusted		q1.chstcon_adj = q1.chstcon-q0.chstcon (repeated for all 5 post-challenge values) 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		
q1.sinpn_adj	Post-challenge Day 1 sinus pain - adjusted		q1.sinpn_adj = q1.sinpn-q0.sinpn (repeated for all 5 post-challenge values) 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		

INFECTION AND COLDS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.earach_adj	Post-challenge Day 1 earache - adjusted		q1.earach_adj = q1.earach-q0.earach (repeated for all 5 post-challenge values) 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		
post.sneez_avg	Average Adjusted Post-challenge Sneezing Severity		post.sneez_avg = mean(q1.sneez_adj to q5.sneez_adj)
post.runno_avg	Average Adjusted Post-challenge Runny Nose Severity		post.runno_avg = mean(q1.runno_adj to q5.runno_adj)
post.nascon_avg	Avg Adjusted Post-challenge Nasal Congestion Severity		post.nascon_avg = mean(q1.nascon_adj to q5.nascon_adj)
post.cough_avg	Average Adjusted Post-challenge Cough Severity		post.cough_avg = mean(q1.cough_adj to q5.cough_adj)
post.srthr_avg	Average Adjusted Post-challenge Sore Throat Severity		post.srthr_avg = mean(q1.srthr_adj to q5.srthr_adj)
post.hdach_avg	Average Adjusted Post-challenge Headache Severity		post.hdach_avg = mean(q1.hdach_adj to q5.hdach_adj)
post.chill_avg	Average Adjusted Post-challenge Chills Severity		post.chill_avg = mean(q1.chill_adj to q5.chill_adj)
post.malais_avg	Average Adjusted Post-challenge Malaise Severity		post.malais_avg = mean(q1.malais_adj to q5.malais_adj)
post.jacksn_scr_tot	Avg Adjusted Post-challenge Jackson Symptom Score		post.jacksn_scr_tot = mean(q1.jacksn_scr_adj to q5.jacksn_scr_adj)*5
post.totsymp	Total # Jackson Symptoms (adjusted for baseline)		post.totsymp = mean(q1.totsymp_adj to q5.totsymp_adj)*5
post.chstcon_avg	Avg Adjusted Post-challenge Chest Congestion Severity		post.chstcon_avg = mean(q1.chstcon_adj to q5.chstcon_adj)
post.sinpn_avg	Average Adjusted Post-challenge Sinus Pain Severity		post.sinpn_avg = mean(q1.sinpn_adj to q5.sinpn_adj)
post.earach_avg	Average Adjusted Post-challenge Earache Severity		post.earach_avg = mean(q1.earach_adj to q5.earach_adj)
post.msclach_avg	Average Adjusted Post-challenge Muscle Ache Severity		post.msclach_avg = mean(q1.msclach_adj to q5.msclach_adj)
post.jntach_avg	Average Adjusted Post-challenge Joint Ache Severity		post.jntach_avg = mean(q1.jntach_adj to q5.jntach_adj)
post.sweat_avg	Average Adjusted Post-challenge Sweating Severity		post.sweat_avg = mean(q1.sweat_adj to q5.sweat_adj)
post.fever_avg	Average Adjusted Post-challenge Fever Severity		post.fever_avg = mean(q1.fever_adj to q5.fever_adj)
post.sneezdays	Total Post-challenge Days with Sneezing		count post.sneezdays = q1.sneez_adj to q5.sneez_adj (1 thru highest)
post.runnodays	Total Post-challenge Days with Runny Nose		count post.runnodays = q1.runno_adj to q5.runno_adj (1 thru highest)
post.nascondays	Total Post-challenge Days with Nasal Congestion		count post.nascondays = q1.nascon_adj to q5.nascon_adj (1 thru highest)

INFECTION AND COLDS

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

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
STUDYID	0=BCS	AB2	1=<1:2	SERO	0=Did not seroconvert
	1=PCS1		2=1:2		1=4-fold increase detected
	2=PCS2		3=<1:4		
	3=PCS3		4=1:4	YES/NO	0=no
	4=PMBC		5=<1:8		1=yes
			6=1:8		
AB1	1=<1:2		7=<1:16	SYMPSEV	0=none
	2=1:2 or <1:4		8=1:16		1=mild
	4=1:4 or <1:8		9=>1:16		2=moderate
	8=1:8 or <1:16				3=severe
	16=1:16 or >1:16				4=very severe

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
BIOPATH	*****BEGIN BIOLOGICAL PATHWAYS DATA*****		
anthr	*****ANTHROPOMETRICS*****		
height_cm.1	Height (cm) - reactivity session 1		
weight_kg.1	Weight (kg) - reactivity session 1		
waist_cm.1	Waist circumference (cm) - reactivity session 1		
fullhip_cm.1	Hip circumferance at fullest part (cm) - reactivity session 1		
height_cm.2	Height (cm) - reactivity session 2		
weight_kg.2	Weight (kg) - reactivity session 2		
waist_cm.2	Waist circumference (cm) - reactivity session 2		
fullhip_cm.2	Hip circumferance at fullest part (cm) - reactivity session 2		
bodymass.1	Body mass index (kg/m**2) - reactivity session 1		bodymass.1 = (weight_kg.1)/[(height_cm.1/100)]^2
bodymass.2	Body mass index (kg/m**2) - reactivity session 2		bodymass.2 = (weight_kg.2)/[(height_cm.2/100)]^2
bodymass	Body mass index (kg/m**2) - avg session 1 & session 2		bodymass = mean(bodymass.1, bodymass.2)
waist_hip.1	Ratio of waist to fullest part of the hips - reactivity session 1		wst_hip.1 = waist_cm.1/fullhip_cm.1
waist_hip.2	Ratio of waist to fullest part of the hips - reactivity session 2		wst_hip.2 = waist_cm.2/fullhip_cm.2
waist_hip	Ratio of waist to fullest part of the hips - avg session 1 & session 2		waist_hip = mean(waist_hip.1, waist_hip.2)
telo	*****TELOMERE LENGTH DATA*****		
DNA_conc.1			
DNA_conc.2			
DNA_conc.3			
DNA_conc.4			
DNA_conc.5			
CD4_TL_kb.1	CD4+ TL calculated from standard curve of telomere standard		
CD19_TL_kb.1	CD19+ TL calculated from standard curve of telomere standard		
CD28p_TL_kb.1	CD28+ TL calculated from standard curve of telomere standard		
CD28n_TL_kb.1	CD28- TL calculated from standard curve of telomere standard		
PBML_TL_kb.1	PBML TL calculated from standard curve of telomere standard		
CD4_TL_kb.2	CD4+ TL calculated from standard curve of telomere standard - duplicate		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
CD19_TL_kb.2	CD19+ TL calculated from standard curve of telomere standard - duplicate		
CD28p_TL_kb.2	CD28+ TL calculated from standard curve of telomere standard - duplicate		
CD28n_TL_kb.2	CD28- TL calculated from standard curve of telomere standard - duplicate		
PBML_TL_kb.2	PBML TL calculated from standard curve of telomere standard - duplicate		
@36B4_CN_CD4.1	Diploid genome copy # from 36B4 standard curve - CD4+ reactions		
@36B4_CN_CD19.1	Diploid genome copy # from 36B4 standard curve - CD19+ reactions		
@36B4_CN_CD28p.1	Diploid genome copy # from 36B4 standard curve - CD28+ reactions		
@36B4_CN_CD28n.1	Diploid genome copy # from 36B4 standard curve - CD28- reactions		
@36B4_CN_PBML.1	Diploid genome copy # from 36B4 standard curve - PBML reactions		
@36B4_CN_CD4.2	Db genome copy # from 36B4 standard curve - CD4+ reactions - duplicate		
@36B4_CN_CD19.2	Db genome copy # from 36B4 standard curve - CD19+ reactions - duplicate		
@36B4_CN_CD28p.2	Db genome copy # from 36B4 standard curve - CD28+ reactions - duplicate		
@36B4_CN_CD28n.2	Db genome copy # from 36B4 standard curve - CD28- reactions - duplicate		
@36B4_CN_PBML.2	Db genome copy # from 36B4 standard curve - PBML reactions - duplicate		
CD4_TL_factor	Telomere normalization factor - CD4+ reactions		
CD19_TL_factor	Telomere normalization factor - CD19+ reactions		
CD28p_TL_factor	Telomere normalization factor - CD28+ reactions		
CD28n_TL_factor	Telomere normalization factor - CD28- reactions		
PBML_TL_factor	Telomere normalization factor - PBML reactions		
@36B4_factor_CD4	36B4 normalization factor - CD4+ reactions		
@36B4_factor_CD19	36B4 normalization factor - CD19+ reactions		
@36B4_factor_CD28p	36B4 normalization factor - CD28+ reactions		
@36B4_factor_CD28n	36B4 normalization factor - CD28- reactions		
@36B4_factor_PBML	36B4 normalization factor - PBML reactions		
norm_CD4_TL_kb.1	Normalized CD4+ TL		
norm_CD19_TL_kb.1	Normalized CD19+ TL		
norm_CD28p_TL_kb.1	Normalized CD28+ TL		
norm_CD28n_TL_kb.1	Normalized CD28- TL		
norm_PBML_TL_kb.1	Normalized PBML TL		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
norm_CD4_TL_kb.2	Normalized CD4+ TL - duplicate		
norm_CD19_TL_kb.2	Normalized CD19+ TL - duplicate		
norm_CD28p_TL_kb.2	Normalized CD28+ TL - duplicate		
norm_CD28n_TL_kb.2	Normalized CD28- TL - duplicate		
norm_PBML_TL_kb.2	Normalized PBML TL - duplicate		
norm_36B4_CN_CD4.1	Normalized 36B4 diploid genome copy number - CD4+ reactions		
norm_36B4_CN_CD19.1	Normalized 36B4 diploid genome copy number - CD19+ reactions		
norm_36B4_CN_CD28p.1	Normalized 36B4 diploid genome copy number - CD28+ reactions		
norm_36B4_CN_CD28n.1	Normalized 36B4 diploid genome copy number - CD28- reactions		
norm_36B4_CN_PBML.1	Normalized 36B4 diploid genome copy number - PBML reactions		
norm_36B4_CN_CD4.2	Normalized 36B4 diploid genome copy number - CD4+ reactions - duplicate		
norm_36B4_CN_CD19.2	Normalized 36B4 diploid genome copy number - CD19+ reactions - duplicate		
norm_36B4_CN_CD28p.2	Normalized 36B4 diploid genome copy number - CD28+ reactions - duplicate		
norm_36B4_CN_CD28n.2	Normalized 36B4 diploid genome copy number - CD28- reactions - duplicate		
norm_36B4_CN_PBML.2	Normalized 36B4 diploid genome copy number - PBML reactions - duplicate		
CD4_TL_kb_genome	CD4+ total telomeric length (kb) per human diploid genome		
CD19_TL_kb_genome	CD19+ total telomeric length (kb) per human diploid genome		
CD28p_TL_kb_genome	CD28+ total telomeric length (kb) per human diploid genome		
CD28n_TL_kb_genome	CD28- total telomeric length (kb) per human diploid genome		
PBML_TL_kb_genome	PBML total telomeric length (kb) per human diploid genome		
CD4_TL_kb_avg	CD4+ average telomere length (kb)		
CD19_TL_kb_avg	CD19+ average telomere length (kb)		
CD28p_TL_kb_avg	CD28+ average telomere length (kb)		
CD28n_TL_kb_avg	CD28- average telomere length (kb)		
PBML_TL_kb_avg	PBML average telomere length (kb)		
CD4_TS_rel	CD4+ T/S ratio, relative to internal control		
CD19_TS_rel	CD19+ T/S ratio, relative to internal control		
CD28p_TS_rel	CD28+ T/S ratio, relative to internal control		
CD28n_TS_rel	CD28- T/S ratio, relative to internal control		
PBML_TS_rel	PBML T/S ratio, relative to internal control		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
zCD4_TS_rel	CD4+ T/S ratio, relative to internal control - z-score		
zCD28p_TS_rel	CD28+ T/S ratio, relative to internal control - z-score		
zCD28n_TS_rel	CD28- T/S ratio, relative to internal control - z-score		
zPBML_TS_rel	PBML T/S ratio, relative to internal control - z-score		
nasexm	*****GROSS NASAL PATHOLOGY*****		
q0.naspsg	Pre-challenge (Day 0) patency of nasal passages	PATENCY	
q1.naspsg	Post-challenge Day 1 patency of nasal passages		
q2.naspsg	Post-challenge Day 2 patency of nasal passages		
q3.naspsg	Post-challenge Day 3 patency of nasal passages		
q4.naspsg	Post-challenge Day 4 patency of nasal passages		
q5.naspsg	Post-challenge Day 5 patency of nasal passages		
q0.mucede	Pre-challenge (Day 0) mucosal edema	EDEMA	
q1.mucede	Post-challenge Day 1 mucosal edema		
q2.mucede	Post-challenge Day 2 mucosal edema		
q3.mucede	Post-challenge Day 3 mucosal edema		
q4.mucede	Post-challenge Day 4 mucosal edema		
q5.mucede	Post-challenge Day 5 mucosal edema		
q0.muccolr	Pre-challenge (Day 0) color of mucosa	MUCCOL	
q1.muccolr	Post-challenge Day 1 color of mucosa		
q2.muccolr	Post-challenge Day 2 color of mucosa		
q3.muccolr	Post-challenge Day 3 color of mucosa		
q4.muccolr	Post-challenge Day 4 color of mucosa		
q5.muccolr	Post-challenge Day 5 color of mucosa		
q0.rhnqnt	Pre-challenge (Day 0) quantity of rhinorrhea	RHNQNT	
q1.rhnqnt	Post-challenge Day 1 quantity of rhinorrhea		
q2.rhnqnt	Post-challenge Day 2 quantity of rhinorrhea		
q3.rhnqnt	Post-challenge Day 3 quantity of rhinorrhea		
q4.rhnqnt	Post-challenge Day 4 quantity of rhinorrhea		
q5.rhnqnt	Post-challenge Day 5 quantity of rhinorrhea		

BIOLOGICAL PATHWAYS

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

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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		
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		
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		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
geno	*****GENOTYPING*****		
geno_tnfa_n380	Genotype - TNFalpha (-380)	GENO10	
geno_il6_n174	Genotype - IL-6 (-174)		
geno_il10_n1082	Genotype - IL-10 (-1082)		
geno_il10_n819	Genotype - IL-10 (-819)		
geno_il10_n592	Genotype - IL-10 (-592)		
geno_ifng_p874	Genotype - IFNgamma (874)		
geno_gabra6	Genotype - GABRA6		
geno_crhr1	Genotype - CRHR1		
geno_adra2a	Genotype - ADHA2A		
geno_il6_2levels	Genotype - IL-6 2 levels	GENO2	
pheno_tnf	Phenotype - TNFalpha	PHENO	
pheno_il6	Phenotype - IL-6		
immf	*****FUNCTIONAL IMMUNITY*****		
nas	*****LOCAL (NASAL) CYTOKINE PRODUCTION*****		
q0.il1b_nas	Pre-challenge (Day 0) nasal IL-1 beta (pg/ml)		
q0.il5_nas	Pre-challenge (Day 0) nasal IL-5 (pg/ml)		
q0.il6_nas	Pre-challenge (Day 0) nasal IL-6 (pg/ml)		
q0.il8_nas	Pre-challenge (Day 0) nasal IL-8 (pg/ml)		
q0.il10_nas	Pre-challenge (Day 0) nasal IL-10 (pg/ml)		
q0.ifna_nas	Pre-challenge (Day 0) nasal IFN-alpha (pg/ml)		
q0.tnfa_nas	Pre-challenge (Day 0) nasal TNF-alpha (pg/ml)		
q1.il1b_nas	Post-challenge Day 1 nasal IL-1 beta (pg/ml)		
q1.il5_nas	Post-challenge Day 1 nasal IL-5 (pg/ml)		
q1.il6_nas	Post-challenge Day 1 nasal IL-6 (pg/ml)		
q1.il8_nas	Post-challenge Day 1 nasal IL-8 (pg/ml)		
q1.il10_nas	Post-challenge Day 1 nasal IL-10 (pg/ml)		
q1.ifna_nas	Post-challenge Day 1 nasal IFN-alpha (pg/ml)		
q1.tnfa_nas	Post-challenge Day 1 nasal TNF-alpha (pg/ml)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q2.il1b_nas	Post-challenge Day 2 nasal IL-1 beta (pg/ml)		
q2.il5_nas	Post-challenge Day 2 nasal IL-5 (pg/ml)		
q2.il6_nas	Post-challenge Day 2 nasal IL-6 (pg/ml)		
q2.il8_nas	Post-challenge Day 2 nasal IL-8 (pg/ml)		
q2.il10_nas	Post-challenge Day 2 nasal IL-10 (pg/ml)		
q2.ifna_nas	Post-challenge Day 2 nasal IFN-alpha (pg/ml)		
q2.tnfa_nas	Post-challenge Day 2 nasal TNF-alpha (pg/ml)		
q3.il1b_nas	Post-challenge Day 3 nasal IL-1 beta (pg/ml)		
q3.il5_nas	Post-challenge Day 3 nasal IL-5 (pg/ml)		
q3.il6_nas	Post-challenge Day 3 nasal IL-6 (pg/ml)		
q3.il8_nas	Post-challenge Day 3 nasal IL-8 (pg/ml)		
q3.il10_nas	Post-challenge Day 3 nasal IL-10 (pg/ml)		
q3.ifna_nas	Post-challenge Day 3 nasal IFN-alpha (pg/ml)		
q3.tnfa_nas	Post-challenge Day 3 nasal TNF-alpha (pg/ml)		
q4.il1b_nas	Post-challenge Day 4 nasal IL-1 beta (pg/ml)		
q4.il5_nas	Post-challenge Day 4 nasal IL-5 (pg/ml)		
q4.il6_nas	Post-challenge Day 4 nasal IL-6 (pg/ml)		
q4.il8_nas	Post-challenge Day 4 nasal IL-8 (pg/ml)		
q4.il10_nas	Post-challenge Day 4 nasal IL-10 (pg/ml)		
q4.ifna_nas	Post-challenge Day 4 nasal IFN-alpha (pg/ml)		
q4.tnfa_nas	Post-challenge Day 4 nasal TNF-alpha (pg/ml)		
q5.il1b_nas	Post-challenge Day 5 nasal IL-1 beta (pg/ml)		
q5.il5_nas	Post-challenge Day 5 nasal IL-5 (pg/ml)		
q5.il6_nas	Post-challenge Day 5 nasal IL-6 (pg/ml)		
q5.il8_nas	Post-challenge Day 5 nasal IL-8 (pg/ml)		
q5.il10_nas	Post-challenge Day 5 nasal IL-10 (pg/ml)		
q5.ifna_nas	Post-challenge Day 5 nasal IFN-alpha (pg/ml)		
q5.tnfa_nas	Post-challenge Day 5 nasal TNF-alpha (pg/ml)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.il1b_nas_adj	Post-challenge Day 1 nasal IL-1 beta, adjusted for Day 0		q1.il1b_nas_adj = q1.il1b_nas - q0.il1b_nas.
q2.il1b_nas_adj	Post-challenge Day 2 nasal IL-1 beta, adjusted for Day 0		q2.il1b_nas_adj = q2.il1b_nas - q0.il1b_nas.
q3.il1b_nas_adj	Post-challenge Day 3 nasal IL-1 beta, adjusted for Day 0		q3.il1b_nas_adj = q3.il1b_nas - q0.il1b_nas.
q4.il1b_nas_adj	Post-challenge Day 4 nasal IL-1 beta, adjusted for Day 0		q4.il1b_nas_adj = q4.il1b_nas - q0.il1b_nas.
q5.il1b_nas_adj	Post-challenge Day 5 nasal IL-1 beta, adjusted for Day 0		q5.il1b_nas_adj = q5.il1b_nas - q0.il1b_nas.
q1.il5_nas_adj	Post-challenge Day 1 nasal IL-5, adjusted for Day 0		q1.il5_nas_adj = q1.il5_nas - q0.il5_nas.
q2.il5_nas_adj	Post-challenge Day 2 nasal IL-5, adjusted for Day 0		q2.il5_nas_adj = q2.il5_nas - q0.il5_nas.
q3.il5_nas_adj	Post-challenge Day 3 nasal IL-5, adjusted for Day 0		q3.il5_nas_adj = q3.il5_nas - q0.il5_nas.
q4.il5_nas_adj	Post-challenge Day 4 nasal IL-5, adjusted for Day 0		q4.il5_nas_adj = q4.il5_nas - q0.il5_nas.
q5.il5_nas_adj	Post-challenge Day 5 nasal IL-5, adjusted for Day 0		q5.il5_nas_adj = q5.il5_nas - q0.il5_nas.
q1.il6_nas_adj	Post-challenge Day 1 nasal IL-6, adjusted for Day 0		q1.il6_nas_adj = q1.il6_nas - q0.il6_nas.
q2.il6_nas_adj	Post-challenge Day 2 nasal IL-6, adjusted for Day 0		q2.il6_nas_adj = q2.il6_nas - q0.il6_nas.
q3.il6_nas_adj	Post-challenge Day 3 nasal IL-6, adjusted for Day 0		q3.il6_nas_adj = q3.il6_nas - q0.il6_nas.
q4.il6_nas_adj	Post-challenge Day 4 nasal IL-6, adjusted for Day 0		q4.il6_nas_adj = q4.il6_nas - q0.il6_nas.
q5.il6_nas_adj	Post-challenge Day 5 nasal IL-6, adjusted for Day 0		q5.il6_nas_adj = q5.il6_nas - q0.il6_nas.
q1.il8_nas_adj	Post-challenge Day 1 nasal IL-8, adjusted for Day 0		q1.il8_nas_adj = q1.il8_nas - q0.il8_nas.
q2.il8_nas_adj	Post-challenge Day 2 nasal IL-8, adjusted for Day 0		q2.il8_nas_adj = q2.il8_nas - q0.il8_nas.
q3.il8_nas_adj	Post-challenge Day 3 nasal IL-8, adjusted for Day 0		q3.il8_nas_adj = q3.il8_nas - q0.il8_nas.
q4.il8_nas_adj	Post-challenge Day 4 nasal IL-8, adjusted for Day 0		q4.il8_nas_adj = q4.il8_nas - q0.il8_nas.
q5.il8_nas_adj	Post-challenge Day 5 nasal IL-8, adjusted for Day 0		q5.il8_nas_adj = q5.il8_nas - q0.il8_nas.
q1.il10_nas_adj	Post-challenge Day 1 nasal IL-10, adjusted for Day 0		q1.il10_nas_adj = q1.il10_nas - q0.il10_nas.
q2.il10_nas_adj	Post-challenge Day 2 nasal IL-10, adjusted for Day 0		q2.il10_nas_adj = q2.il10_nas - q0.il10_nas.
q3.il10_nas_adj	Post-challenge Day 3 nasal IL-10, adjusted for Day 0		q3.il10_nas_adj = q3.il10_nas - q0.il10_nas.
q4.il10_nas_adj	Post-challenge Day 4 nasal IL-10, adjusted for Day 0		q4.il10_nas_adj = q4.il10_nas - q0.il10_nas.
q5.il10_nas_adj	Post-challenge Day 5 nasal IL-10, adjusted for Day 0		q5.il10_nas_adj = q5.il10_nas - q0.il10_nas.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.ifna_nas_adj	Post-challenge Day 1 nasal IFN-alpha, adjusted for Day 0		q1.ifna_nas_adj = q1.ifna_nas - q0.ifna_nas.
q2.ifna_nas_adj	Post-challenge Day 2 nasal IFN-alpha, adjusted for Day 0		q2.ifna_nas_adj = q2.ifna_nas - q0.ifna_nas.
q3.ifna_nas_adj	Post-challenge Day 3 nasal IFN-alpha, adjusted for Day 0		q3.ifna_nas_adj = q3.ifna_nas - q0.ifna_nas.
q4.ifna_nas_adj	Post-challenge Day 4 nasal IFN-alpha, adjusted for Day 0		q4.ifna_nas_adj = q4.ifna_nas - q0.ifna_nas.
q5.ifna_nas_adj	Post-challenge Day 5 nasal IFN-alpha, adjusted for Day 0		q5.ifna_nas_adj = q5.ifna_nas - q0.ifna_nas.
q1.tnfa_nas_adj	Post-challenge Day 1 nasal TNF-alpha, adjusted for Day 0		q1.tnfa_nas_adj = q1.tnfa_nas - q0.tnfa_nas.
q2.tnfa_nas_adj	Post-challenge Day 2 nasal TNF-alpha, adjusted for Day 0		q2.tnfa_nas_adj = q2.tnfa_nas - q0.tnfa_nas.
q3.tnfa_nas_adj	Post-challenge Day 3 nasal TNF-alpha, adjusted for Day 0		q3.tnfa_nas_adj = q3.tnfa_nas - q0.tnfa_nas.
q4.tnfa_nas_adj	Post-challenge Day 4 nasal TNF-alpha, adjusted for Day 0		q4.tnfa_nas_adj = q4.tnfa_nas - q0.tnfa_nas.
q5.tnfa_nas_adj	Post-challenge Day 5 nasal TNF-alpha, adjusted for Day 0		q5.tnfa_nas_adj = q5.tnfa_nas - q0.tnfa_nas.
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		
il1b_nas_excluded	Missing IL1-B data on 1 or more days	MISS	
il5_nas_excluded	Missing IL-5 data on 1 or more days		
il6_nas_excluded	Missing IL-6 data on 1 or more days		
il8_nas_excluded	Missing IL-8 data on 1 or more days		
il10_nas_excluded	Missing IL-10 data on 1 or more days		
ifna_nas_excluded	Missing IFN-alpha data on 1 or more days		
tnfa_nas_excluded	Missing TNF-alpha data on 1 or more days		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
il1b_nas_auc_0miss	Post-challenge IL-1B AUC (no missing data)		il1b_nas_auc_0miss = ((q1.il1b_nas_adj + q2.il1b_nas_adj)/2) + ((q2.il1b_nas_adj + q3.il1b_nas_adj)/2)+((q3.il1b_nas_adj + q4.il1b_nas_adj)/2) + ((q4.il1b_nas_adj + q5.il1b_nas_adj)/2).
il5_nas_auc_0miss	Post-challenge IL-5 AUC (no missing data)		il5_nas_auc_0miss = ((q1.il5_nas_adj + q2.il5_nas_adj)/2) + ((q2.il5_nas_adj + q3.il5_nas_adj)/2) + ((q3.il5_nas_adj + q4.il5_nas_adj)/2) + ((q4.il5_nas_adj + q5.il5_nas_adj)/2).
il6_nas_auc_0miss	Post-challenge IL-6 AUC (no missing data)		il6_nas_auc_0miss = ((q1.il6_nas_adj + q2.il6_nas_adj)/2) + ((q2.il6_nas_adj + q3.il6_nas_adj)/2) + ((q3.il6_nas_adj + q4.il6_nas_adj)/2) + ((q4.il6_nas_adj + q5.il6_nas_adj)/2).
il8_nas_auc_0miss	Post-challenge IL-8 AUC (no missing data)		il8_nas_auc_0miss = ((q1.il8_nas_adj + q2.il8_nas_adj)/2) + ((q2.il8_nas_adj + q3.il8_nas_adj)/2) + ((q3.il8_nas_adj + q4.il8_nas_adj)/2) + ((q4.il8_nas_adj + q5.il8_nas_adj)/2).
il10_nas_auc_0miss	Post-challenge IL-10 AUC (no missing data)		il10_nas_auc_0miss = ((q1.il10_nas_adj + q2.il10_nas_adj)/2) + ((q2.il10_nas_adj + q3.il10_nas_adj)/2) + ((q3.il10_nas_adj + q4.il10_nas_adj)/2) + ((q4.il10_nas_adj + q5.il10_nas_adj)/2).
ifna_nas_auc_0miss	Post-challenge IFN-alpha AUC (no missing data)		ifna_nas_auc_0miss = ((q1.ifna_nas_adj + q2.ifna_nas_adj)/2) + ((q2.ifna_nas_adj + q3.ifna_nas_adj)/2) + ((q3.ifna_nas_adj + q4.ifna_nas_adj)/2) + ((q4.ifna_nas_adj + q5.ifna_nas_adj)/2).
tnfa_nas_auc_0miss	Post-challenge TNF-alpha AUC (no missing data)		tnfa_nas_auc_0miss = ((q1.tnfa_nas_adj + q2.tnfa_nas_adj)/2) + ((q2.tnfa_nas_adj + q3.tnfa_nas_adj)/2) + ((q3.tnfa_nas_adj + q4.tnfa_nas_adj)/2) + ((q4.tnfa_nas_adj + q5.tnfa_nas_adj)/2).

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
cmv	*****LATENT VIRUS INFECTION*****		
cmvconc	CMV antibody concentration (IU)		
cmvindex	Biocheck CMV Index		

cmvstatus	CMV Serostatus	CMVSTAT	if (cmvindex ge 1.2) cmvstatus = 1; if (cmvindex lt 0.85) cmvstatus = 0.
			do if cmvindex lt 1.2 and cmvindex ge 0.85.
			if (cmvconc ge 3) cmvstatus = 1; if (cmvconc lt 3) cmvstatus = 0.
			end if.

rst	*****RESTING BIOLOGICAL MEASURES*****		
q0.temp_eve	Pre-challenge (Day 0) evening temperature (ºF)		
q0.temp_mrn	Pre-challenge (Day 0) morning temperature (^{0}F)		
q0.temp_aft	Pre-challenge (Day 0) afternoon temperature (^{0}F)		
q1.temp_eve	Post-challenge Day 1 evening temperature (^{0}F)		
q1.temp_mrn	Post-challenge Day 1 morning temperature (^{0}F)		
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)		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.temp	Pre-challenge (Day 0) average temperature (^{0}F)		q0.temp = mean(q0.temp_mrn, q0.temp_aft, q0.temp_eve)
q1.temp	Post-challenge Day 1 average temperature (^{0}F)		q1.temp = mean(q1.temp_mrn, q1.temp_aft, q1.temp_eve)
q2.temp	Post-challenge Day 2 average temperature (^{0}F)		q2.temp = mean(q2.temp_mrn, q2.temp_aft, q2.temp_eve)
q3.temp	Post-challenge Day 3 average temperature (^{0}F)		q3.temp = mean(q3.temp_mrn, q3.temp_aft, q3.temp_eve)
q4.temp	Post-challenge Day 4 average temperature (^{0}F)		q4.temp = mean(q4.temp_mrn, q4.temp_aft, q4.temp_eve)
q5.temp	Post-challenge Day 5 average temperature (^{0}F)		q5.temp = mean(q5.temp_mrn, q5.temp_aft, q5.temp_eve)
q0.sbp_eve	Pre-challenge (Day 0) resting SBP (mmHg) - evening		
q0.sbp_mrn	Pre-challenge (Day 0) resting SBP (mmHg) - morning		
q0.sbp_aft	Pre-challenge (Day 0) resting SBP (mmHg) - afternoon		
q1.sbp_eve	Post-challenge Day 1 resting SBP (mmHg) - evening		
q1.sbp_mrn	Post-challenge Day 1 resting SBP (mmHg) - morning		
q1.sbp_aft	Post-challenge Day 1 resting SBP (mmHg) - afternoon		
q2.sbp_eve	Post-challenge Day 2 resting SBP (mmHg) - evening		
q2.sbp_mrn	Post-challenge Day 2 resting SBP (mmHg) - morning		
q2.sbp_aft	Post-challenge Day 2 resting SBP (mmHg) - afternoon		
q3.sbp_eve	Post-challenge Day 3 resting SBP (mmHg) - evening		
q3.sbp_mrn	Post-challenge Day 3 resting SBP (mmHg) - morning		
q3.sbp_aft	Post-challenge Day 3 resting SBP (mmHg) - afternoon		
q4.sbp_eve	Post-challenge Day 4 resting SBP (mmHg) - evening		
q4.sbp_mrn	Post-challenge Day 4 resting SBP (mmHg) - morning		
q4.sbp_aft	Post-challenge Day 4 resting SBP (mmHg) - afternoon		
q5.sbp_eve	Post-challenge Day 5 resting SBP (mmHg) - evening		
q5.sbp_mrn	Post-challenge Day 5 resting SBP (mmHg) - morning		
q5.sbp_aft	Post-challenge Day 5 resting SBP (mmHg) - afternoon		
q0.dbp_eve	Pre-challenge (Day 0) resting DBP (mmHg) - evening		
q0.dbp_mrn	Pre-challenge (Day 0) resting DBP (mmHg) - morning		
q0.dbp_aft	Pre-challenge (Day 0) resting DBP (mmHg) - afternoon		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q1.dbp_eve	Post-challenge Day 1 resting DBP (mmHg) - evening		
q1.dbp_mrn	Post-challenge Day 1 resting DBP (mmHg) - morning		
q1.dbp_aft	Post-challenge Day 1 resting DBP (mmHg) - afternoon		
q2.dbp_eve	Post-challenge Day 2 resting DBP (mmHg) - evening		
q2.dbp_mrn	Post-challenge Day 2 resting DBP (mmHg) - morning		
q2.dbp_aft	Post-challenge Day 2 resting DBP (mmHg) - afternoon		
q3.dbp_eve	Post-challenge Day 3 resting DBP (mmHg) - evening		
q3.dbp_mrn	Post-challenge Day 3 resting DBP (mmHg) - morning		
q3.dbp_aft	Post-challenge Day 3 resting DBP (mmHg) - afternoon		
q4.dbp_eve	Post-challenge Day 4 resting DBP (mmHg) - evening		
q4.dbp_mrn	Post-challenge Day 4 resting DBP (mmHg) - morning		
q4.dbp_aft	Post-challenge Day 4 resting DBP (mmHg) - afternoon		
q5.dbp_eve	Post-challenge Day 5 resting DBP (mmHg) - evening		
q5.dbp_mrn	Post-challenge Day 5 resting DBP (mmHg) - morning		
q5.dbp_aft	Post-challenge Day 5 resting DBP (mmHg) - afternoon		
q0.hr_eve	Pre-challenge (Day 0) resting heart rate (bpm) - evening		
q0.hr_mrn	Pre-challenge (Day 0) resting heart rate (bpm) - morning		
q0.hr_aft	Pre-challenge (Day 0) resting heart rate (bpm)-afternoon		
q1.hr_eve	Post-challenge Day 1 resting heart rate (bpm) - evening		
q1.hr_mrn	Post-challenge Day 1 resting heart rate (bpm) - morning		
q1.hr_aft	Post-challenge Day 1 resting heart rate (bpm) - afternoon		
q2.hr_eve	Post-challenge Day 2 resting heart rate (bpm) - evening		
q2.hr_mrn	Post-challenge Day 2 resting heart rate (bpm) - morning		
q2.hr_aft	Post-challenge Day 2 resting heart rate (bpm) - afternoon		
q3.hr_eve	Post-challenge Day 3 resting heart rate (bpm) - evening		
q3.hr_mrn	Post-challenge Day 3 resting heart rate (bpm) - morning		
q3.hr_aft	Post-challenge Day 3 resting heart rate (bpm) - afternoon		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q4.hr_eve	Post-challenge Day 4 resting heart rate (bpm) - evening		
q4.hr_mrn	Post-challenge Day 4 resting heart rate (bpm) - morning		
q4.hr_aft	Post-challenge Day 4 resting heart rate (bpm) - afternoon		
q5.hr_eve	Post-challenge Day 5 resting heart rate (bpm) - evening		
q5.hr_mrn	Post-challenge Day 5 resting heart rate (bpm) - morning		
q5.hr_aft	Post-challenge Day 5 resting heart rate (bpm) - afternoon		
q0.plsp_eve	Pre-challenge (Day 0) resting PP (mmHg) - evening		q0.plsp_eve = q0.sbp_eve-q0.dbp_eve
q0.plsp_mrn	Pre-challenge (Day 0) resting PP (mmHg) - morning		q0.plsp_mrn = q0.sbp_mrn-q0.dbp_mrn
q0.plsp_aft	Pre-challenge (Day 0) resting PP (mmHg) - afternoon		q0.plsp_aft = q0.sbp_aft-q0.dbp_aft
q1.plsp_eve	Post-challenge Day 1 resting PP (mmHg) - evening		(repeated for all days in quarantine)
q1.plsp_mrn	Post-challenge Day 1 resting PP (mmHg) - morning		
q1.plsp_aft	Post-challenge Day 1 resting PP (mmHg) - afternoon		
q2.plsp_eve	Post-challenge Day 2 resting PP (mmHg) - evening		
q2.plsp_mrn	Post-challenge Day 2 resting PP (mmHg) - morning		
q2.plsp_aft	Post-challenge Day 2 resting PP (mmHg) - afternoon		
q3.plsp_eve	Post-challenge Day 3 resting PP (mmHg) - evening		
q3.plsp_mrn	Post-challenge Day 3 resting PP (mmHg) - morning		
q3.plsp_aft	Post-challenge Day 3 resting PP (mmHg) - afternoon		
q4.plsp_eve	Post-challenge Day 4 resting PP (mmHg) - evening		
q4.plsp_mrn	Post-challenge Day 4 resting PP (mmHg) - morning		
q4.plsp_aft	Post-challenge Day 4 resting PP (mmHg) - afternoon		
q5.plsp_eve	Post-challenge Day 5 resting PP (mmHg) - evening		
q5.plsp_mrn	Post-challenge Day 5 resting PP (mmHg) - morning		
q5.plsp_aft	Post-challenge Day 5 resting PP (mmHg) - afternoon		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.map_eve	Pre-challenge (Day 0) resting MAP (mmHg) - evening		q0.map_eve = [(2*q0.dbp_eve) + q0.sbp_eve]/3
q0.map_mrn	Pre-challenge (Day 0) resting MAP (mmHg) - morning		q0.map_mrn = [(2*q0.dbp_mrn) + q0.sbp_mrn]/3
q0.map_aft	Pre-challenge (Day 0) resting MAP (mmHg) - afternoon		q0.map_aft = [(2*q0.dbp_aft) + q0.sbp_aft]/3
q1.map_eve	Post-challenge Day 1 resting MAP (mmHg) - evening		(repeated for all days in quarantine)
q1.map_mrn	Post-challenge Day 1 resting MAP (mmHg) - morning		
q1.map_aft	Post-challenge Day 1 resting MAP (mmHg) - afternoon		
q2.map_eve	Post-challenge Day 2 resting MAP (mmHg) - evening		
q2.map_mrn	Post-challenge Day 2 resting MAP (mmHg) - morning		
q2.map_aft	Post-challenge Day 2 resting MAP (mmHg) - afternoon		
q3.map_eve	Post-challenge Day 3 resting MAP (mmHg) - evening		
q3.map_mrn	Post-challenge Day 3 resting MAP (mmHg) - morning		
q3.map_aft	Post-challenge Day 3 resting MAP (mmHg) - afternoon		
q4.map_eve	Post-challenge Day 4 resting MAP (mmHg) - evening		
q4.map_mrn	Post-challenge Day 4 resting MAP (mmHg) - morning		
q4.map_aft	Post-challenge Day 4 resting MAP (mmHg) - afternoon		
q5.map_eve	Post-challenge Day 5 resting MAP (mmHg) - evening		
q5.map_mrn	Post-challenge Day 5 resting MAP (mmHg) - morning		
q5.map_aft	Post-challenge Day 5 resting MAP (mmHg) - afternoon		
q0.sbp	Pre-challenge (Day 0) average SBP (mmHg)		q0.sbp = mean(q0.sbp_mrn, q0.sbp_aft, q0.sbp_eve)
q1.sbp	Post-challenge Day 1 average SBP (mmHg)		q1.sbp = mean(q1.sbp_mrn, q1.sbp_aft, q1.sbp_eve)
q2.sbp	Post-challenge Day 2 average SBP (mmHg)		q2.sbp = mean(q2.sbp_mrn, q2.sbp_aft, q2.sbp_eve)
q3.sbp	Post-challenge Day 3 average SBP (mmHg)		q3.sbp = mean(q3.sbp_mrn, q3.sbp_aft, q3.sbp_eve)
q4.sbp	Post-challenge Day 4 average SBP (mmHg)		q4.sbp = mean(q4.sbp_mrn, q4.sbp_aft, q4.sbp_eve)
q5.sbp	Post-challenge Day 5 average SBP (mmHg)		q5.sbp = mean(q5.sbp_mrn, q5.sbp_aft, q5.sbp_eve)

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0.dbp	Pre-challenge (Day 0) average DBP (mmHg)		q0.dbp = mean(q0.dbp_mrn, q0.dbp_aft, q0.dbp_eve)
q1.dbp	Post-challenge Day 1 average DBP (mmHg)		q1.dbp = mean(q1.dbp_mrn, q1.dbp_aft, q1.dbp_eve)
q2.dbp	Post-challenge Day 2 average DBP (mmHg)		q2.dbp = mean(q2.dbp_mrn, q2.dbp_aft, q2.dbp_eve)
q3.dbp	Post-challenge Day 3 average DBP (mmHg)		q3.dbp = mean(q3.dbp_mrn, q3.dbp_aft, q3.dbp_eve)
q4.dbp	Post-challenge Day 4 average DBP (mmHg)		q4.dbp = mean(q4.dbp_mrn, q4.dbp_aft, q4.dbp_eve)
q5.dbp	Post-challenge Day 5 average DBP (mmHg)		q5.dbp = mean(q5.dbp_mrn, q5.dbp_aft, q5.dbp_eve)
q0.hr	Pre-challenge (Day 0) average heart rate (bpm)		q0.hr = mean(q0.hr_mrn, q0.hr_aft, q0.hr_eve)
q1.hr	Post-challenge Day 1 average heart rate (bpm)		q1.hr = mean(q1.hr_mrn, q1.hr_aft, q1.hr_eve)
q2.hr	Post-challenge Day 2 average heart rate (bpm)		q2.hr = mean(q2.hr_mrn, q2.hr_aft, q2.hr_eve)
q3.hr	Post-challenge Day 3 average heart rate (bpm)		q3.hr = mean(q3.hr_mrn, q3.hr_aft, q3.hr_eve)
q4.hr	Post-challenge Day 4 average heart rate (bpm)		q4.hr = mean(q4.hr_mrn, q4.hr_aft, q4.hr_eve)
q5.hr	Post-challenge Day 5 average heart rate (bpm)		q5.hr = mean(q5.hr_mrn, q5.hr_aft, q5.hr_eve)
q0.plsp	Pre-challenge (Day 0) average pulse pressure (mmHg)		q0.plsp = mean(q0.plsp_mrn, q0.plsp_aft, q0.plsp_eve)
q1.plsp	Post-challenge Day 1 average pulse pressure (mmHg)		q1.plsp = mean(q1.plsp_mrn, q1.plsp_aft, q1.plsp_eve)
q2.plsp	Post-challenge Day 2 average pulse pressure (mmHg)		q2.plsp = mean(q2.plsp_mrn, q2.plsp_aft, q2.plsp_eve)
q3.plsp	Post-challenge Day 3 average pulse pressure (mmHg)		q3.plsp = mean(q3.plsp_mrn, q3.plsp_aft, q3.plsp_eve)
q4.plsp	Post-challenge Day 4 average pulse pressure (mmHg)		q4.plsp = mean(q4.plsp_mrn, q4.plsp_aft, q4.plsp_eve)
q5.plsp	Post-challenge Day 5 average pulse pressure (mmHg)		q5.plsp = mean(q5.plsp_mrn, q5.plsp_aft, q5.plsp_eve)
q0.map	Pre-challenge (Day 0) average MAP (mmHg)		q0.map = mean(q0.map_mrn, q0.map_aft, q0.map_eve)
q1.map	Post-challenge Day 1 average MAP (mmHg)		q1.map = mean(q1.map_mrn, q1.map_aft, q1.map_eve)
q2.map	Post-challenge Day 2 average MAP (mmHg)		q2.map = mean(q2.map_mrn, q2.map_aft, q2.map_eve)
q3.map	Post-challenge Day 3 average MAP (mmHg)		q3.map = mean(q3.map_mrn, q3.map_aft, q3.map_eve)
q4.map	Post-challenge Day 4 average MAP (mmHg)		q4.map = mean(q4.map_mrn, q4.map_aft, q4.map_eve)
q5.map	Post-challenge Day 5 average MAP (mmHg)		q5.map = mean(q5.map_mrn, q5.map_aft, q5.map_eve)

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
endo	*****ENDOCRINE DATA*****		
haircort	*****HAIR CORTISOL DATA*****		
cort_hair1y	Hair Cortisol - Sample 1: young segment conc (pg/mg)		
cort_hair1m	Hair Cortisol - Sample 1: middle segment conc (pg/mg)		
cort_hair1o	Hair Cortisol - Sample 1: old segment conc (pg/mg)		
cort_hair2y	Hair Cortisol - Sample 2: young segment conc (pg/mg)		
cort_hair2m	Hair Cortisol - Sample 2: middle segment conc (pg/mg)		
cort_hair2o	Hair Cortisol - Sample 2: old segment conc (pg/mg)		
hairdate.1	Sample 1: collection date		
haircolor.1	Sample 1: color	COLOR	
color_str.1	Sample 1: color		
curl.1	Sample 1: curl	YES/NO	
hairdye.1	Sample 1: hair dye	DYE	
dye_str.1	Sample 1: hair dye type		
dyedate.1	Sample 1: hair dye date		
washfreq.1	Sample 1: washes per week		
perm.1	Sample 1: permanent wave	YES/NO	
permdate.1	Sample 1: permanent wave date		
hairproduct.1	Sample 1: use hair products	YES/NO	
product1_str.1	Sample 1: hair product 1		
prod1freq.1	Sample 1: hair product 1 use per week		
product2_str.1	Sample 1: hair product 2		
prod2freq.1	Sample 1: hair product 2 use per week		
med1.1	Sample 1: take medication	YES/NO	
med1_str.1	Sample 1: medication name		
med1dose.1	Sample 1: medication dose		
med1frq.1	Sample 1: medication frequency (per week)		
med1date.1	Sample 1: date started medication		
smk_exp.1	Sample 1: smoke exposure	SMKEXP	

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
smk_qnt.1	Sample 1: smoke exposure (cigarettes/day)		
lengthactual.1	Sample 1: actual hair length (cm)		
lengthsample.1	Sample 1: length of sample (cm)		
hairdate.2	Sample 2: collection date		
haircolor.2	Sample 2: color	COLOR	
color_str.2	Sample 2: color		
curl.2	Sample 2: curl	YES/NO	
hairdye.2	Sample 2: hair dye	DYE	
dye_str.2	Sample 2: hair dye type		
dyedate.2	Sample 2: hair dye date		
washfreq.2	Sample 2: washes per week		
perm.2	Sample 2: permanent wave	YES/NO	
permdate.2	Sample 2: permanent wave date		
hairproduct.2	Sample 2: use hair products	YES/NO	
product1_str.2	Sample 2: hair product 1		
prod1freq.2	Sample 2: hair product 1 use per week		
product2_str.2	Sample 2: hair product 2		
prod2freq.2	Sample 2: hair product 2 use per week		
med1.2	Sample 2: take medication	YES/NO	
med1_str.2	Sample 2: medication name		
med1dose.2	Sample 2: medication dose		
med1frq.2	Sample 2: medication frequency (per week)		
med1date.2	Sample 2: date started medication		
smk_exp.2	Sample 2: smoke exposure	SMKEXP	
smk_qnt.2	Sample 2: smoke exposure (cigarettes/day)		
lengthactual.2	Sample 2: actual hair length (cm)		
lengthsample.2	Sample 2: length of sample (cm)		

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
cort	*****SALIVARY CORTISOL DATA*****		
pre1sched	Pre-Q'rntine (Home) Day 1 scheduled wake-up (hh:mm)		
pre1wake	Pre-Quarantine Day 1 wake-up time (hh:mm)		
pre1time1	Pre-Quarantine Day 1 sample 1 collection time (hh:mm)		
pre1time2	Pre-Quarantine Day 1 sample 2 collection time (hh:mm)		
pre1time3	Pre-Quarantine Day 1 sample 3 collection time (hh:mm)		
pre1time4	Pre-Quarantine Day 1 sample 4 collection time (hh:mm)		
pre1time5	Pre-Quarantine Day 1 sample 5 collection time (hh:mm)		
pre1time6	Pre-Quarantine Day 1 sample 6 collection time (hh:mm)		
pre1time7	Pre-Quarantine 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)		
pre2sched	Pre-Q'rntine (Home) Day 2 scheduled wake-up (hh:mm)		
pre2wake	Pre-Quarantine Day 2 wake-up time (hh:mm)		
pre2time1	Pre-Quarantine Day 2 sample 1 collection time (hh:mm)		
pre2time2	Pre-Quarantine Day 2 sample 2 collection time (hh:mm)		
pre2time3	Pre-Quarantine Day 2 sample 3 collection time (hh:mm)		
pre2time4	Pre-Quarantine Day 2 sample 4 collection time (hh:mm)		
pre2time5	Pre-Quarantine Day 2 sample 5 collection time (hh:mm)		
pre2time6	Pre-Quarantine Day 2 sample 6 collection time (hh:mm)		
pre2time7	Pre-Quarantine 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)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.pre2cort4	Pre-Quarantine (Home) Day 2 wu + 420 cortisol (nmol/l)		
slva.pre2cort5	Pre-Quarantine (Home) Day 2 wu + 540 cortisol (nmol/l)		
slva.pre2cort6	Pre-Quarantine (Home) Day 2 wu + 660 cortisol (nmol/l)		
slva.pre2cort7	Pre-Quarantine (Home) Day 2 wu + 840 cortisol (nmol/l)		
q0expwake	Quarantine Day 0 scheduled wake-up (hh:mm)		
q0wake	Quarantine Day 0 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)		
endraw	*****END RAW SALIVARY CORTISOL DATA*****		
pre1diff12	Pre-Q' (Home) Day 1: time between samples 1 & 2 (min)		pre1diff12 = datediff(pre1time2, pre1time1, "minutes").
pre1diff23	Pre-Q' (Home) Day 1: time between samples 2 & 3 (min)		pre1diff23 = datediff(pre1time3, pre1time2, "minutes").
pre1diff34	Pre-Q' (Home) Day 1: time between samples 3 & 4 (min)		pre1diff34 = datediff(pre1time4, pre1time3, "minutes").
pre1diff45	Pre-Q' (Home) Day 1: time between samples 4 & 5 (min)		pre1diff45 = datediff(pre1time5, pre1time4, "minutes").
pre1diff56	Pre-Q' (Home) Day 1: time between samples 5 & 6 (min)		pre1diff56 = datediff(pre1time6, pre1time5, "minutes").

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre1diff67	Pre-Q' (Home) Day 1: time between samples 6 & 7 (min)		pre1diff67 = datediff(pre1time7, pre1time6, "minutes").
pre1diff57	Pre-Q' (Home) Day 1: time between samples 5 & 7 (min)		pre1diff57 = datediff(pre1time7, pre1time5, "minutes").
pre1diff46	Pre-Q' (Home) Day 1: time between samples 4 & 6 (min)		pre1diff46 = datediff(pre1time6, pre1time4, "minutes").
pre1diff35	Pre-Q' (Home) Day 1: time between samples 3 & 5 (min)		pre1diff35 = datediff(pre1time5, pre1time3, "minutes").
pre1diff47	Pre-Q' (Home) Day 1: time between samples 4 & 7 (min)		pre1diff47 = datediff(pre1time7, pre1time4, "minutes").
pre1diff36	Pre-Q' (Home) Day 1: time between samples 3 & 6 (min)		pre1diff36 = datediff(pre1time6, pre1time3, "minutes").
pre1diffwu1	Pre-Q' Day 1: time between wake-up & sample 1 (min)		pre1diffwu1 = datediff(pre1time1, pre1wake, "minutes").
pre1diffwu2	Pre-Q' Day 1: time between wake-up & sample 2 (min)		pre1diffwu2 = datediff(pre1time2, pre1wake, "minutes").
pre1diffwu3	Pre-Q' Day 1: time between wake-up & sample 3 (min)		pre1diffwu3 = datediff(pre1time3, pre1wake, "minutes").
pre1diffwu4	Pre-Q' Day 1: time between wake-up & sample 4 (min)		pre1diffwu4 = datediff(pre1time4, pre1wake, "minutes").
pre1diffwu5	Pre-Q' Day 1: time between wake-up & sample 5 (min)		pre1diffwu5 = datediff(pre1time5, pre1wake, "minutes").
pre1diffwu6	Pre-Q' Day 1: time between wake-up & sample 6 (min)		pre1diffwu6 = datediff(pre1time6, pre1wake, "minutes").
pre1diffwu7	Pre-Q' Day 1: time between wake-up & sample 7 (min)		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	YES/NO	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	YES/NO	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	YES/NO	if ((pre1diffwu3<180) or (pre1diffwu3>300)) pre1cort3_out = 1. if ((pre1diffwu3 ge 180) and (pre1diffwu3 le 300)) pre1cort3_out = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre1cort4_out	Pre-Quarantine (Home) Day 1: sample 4 outside window	YES/NO	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	YES/NO	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	YES/NO	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	YES/NO	if ((pre1diffwu7<780) or (pre1diffwu7>900)) pre1cort7_out = 1. if ((pre1diffwu7 ge 780) and (pre1diffwu7 le 900)) pre1cort7_out = 0.
slva.pre1cort1_win	Pre-Q' (Home) Day 1: wu + 60 cort (nmol/l) - in window		if (pre1cort1_out = 0) slva.pre1cort1_win = slva.pre1cort1. if (pre1cort1_out = 1) slva.pre1cort1_win = $sysmis.
slva.pre1cort2_win	Pre-Q' (Home) Day 1: wu +120 cort (nmol/l) - in window		if (pre1cort2_out = 0) slva.pre1cort2_win = slva.pre1cort2. if (pre1cort2_out = 1) slva.pre1cort2_win = $sysmis.
slva.pre1cort3_win	Pre-Q' (Home) Day 1: wu +240 cort (nmol/l) - in window		if (pre1cort3_out = 0) slva.pre1cort3_win = slva.pre1cort3. if (pre1cort3_out = 1) slva.pre1cort3_win = $sysmis.
slva.pre1cort4_win	Pre-Q' (Home) Day 1: wu +420 cort (nmol/l) - in window		if (pre1cort4_out = 0) slva.pre1cort4_win = slva.pre1cort4. if (pre1cort4_out = 1) slva.pre1cort4_win = $sysmis.
slva.pre1cort5_win	Pre-Q' (Home) Day 1: wu +540 cort (nmol/l) - in window		if (pre1cort5_out = 0) slva.pre1cort5_win = slva.pre1cort5. if (pre1cort5_out = 1) slva.pre1cort5_win = $sysmis.
slva.pre1cort6_win	Pre-Q' (Home) Day 1: wu +660 cort (nmol/l) - in window		if (pre1cort6_out = 0) slva.pre1cort6_win = slva.pre1cort6. if (pre1cort6_out = 1) slva.pre1cort6_win = $sysmis.
slva.pre1cort7_win	Pre-Q' (Home) Day 1: wu +840 cort (nmol/l) - in window		if (pre1cort7_out = 0) slva.pre1cort7_win = slva.pre1cort7. if (pre1cort7_out = 1) slva.pre1cort7_win = $sysmis.
pre2diff12	Pre-Q' (Home) Day 2: time between samples 1 & 2 (min)		pre2diff12 = datediff(pre2time2, pre2time1, "minutes").
pre2diff23	Pre-Q' (Home) Day 2: time between samples 2 & 3 (min)		pre2diff23 = datediff(pre2time3, pre2time2, "minutes").

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre2diff34	Pre-Q' (Home) Day 2: time between samples 3 & 4 (min)		pre2diff34 = datediff(pre2time4, pre2time3, "minutes").
pre2diff45	Pre-Q' (Home) Day 2: time between samples 4 & 5 (min)		pre2diff45 = datediff(pre2time5, pre2time4, "minutes").
pre2diff56	Pre-Q' (Home) Day 2: time between samples 5 & 6 (min)		pre2diff56 = datediff(pre2time6, pre2time5, "minutes").
pre2diff67	Pre-Q' (Home) Day 2: time between samples 6 & 7 (min)		pre2diff67 = datediff(pre2time7, pre2time6, "minutes").
pre2diff57	Pre-Q' (Home) Day 2: time between samples 5 & 7 (min)		pre2diff57 = datediff(pre2time7, pre2time5, "minutes").
pre2diff46	Pre-Q' (Home) Day 2: time between samples 4 & 6 (min)		pre2diff46 = datediff(pre2time6, pre2time4, "minutes").
pre2diff35	Pre-Q' (Home) Day 2: time between samples 3 & 5 (min)		pre2diff35 = datediff(pre2time5, pre2time3, "minutes").
pre2diff47	Pre-Q' (Home) Day 2: time between samples 4 & 7 (min)		pre2diff47 = datediff(pre2time7, pre2time4, "minutes").
pre2diff36	Pre-Q' (Home) Day 2: time between samples 3 & 6 (min)		pre2diff36 = datediff(pre2time6, pre2time3, "minutes").
pre2diffwu1	Pre-Q' Day 2: time between wake-up & sample 1 (min)		pre2diffwu1 = datediff(pre2time1, pre2wake, "minutes").
pre2diffwu2	Pre-Q' Day 2: time between wake-up & sample 2 (min)		pre2diffwu2 = datediff(pre2time2, pre2wake, "minutes").
pre2diffwu3	Pre-Q' Day 2: time between wake-up & sample 3 (min)		pre2diffwu3 = datediff(pre2time3, pre2wake, "minutes").
pre2diffwu4	Pre-Q' Day 2: time between wake-up & sample 4 (min)		pre2diffwu4 = datediff(pre2time4, pre2wake, "minutes").
pre2diffwu5	Pre-Q' Day 2: time between wake-up & sample 5 (min)		pre2diffwu5 = datediff(pre2time5, pre2wake, "minutes").
pre2diffwu6	Pre-Q' Day 2: time between wake-up & sample 6 (min)		pre2diffwu6 = datediff(pre2time6, pre2wake, "minutes").
pre2diffwu7	Pre-Q' Day 2: time between wake-up & sample 7 (min)		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	YES/NO	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	YES/NO	if ((pre2diffwu2<60) or (pre2diffwu2>180)) pre2cort2_out = 1. if ((pre2diffwu2 ge 60) and (pre2diffwu2 le 180)) pre2cort2_out = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre2cort3_out	Pre-Quarantine (Home) Day 2: sample 3 outside window	YES/NO	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	YES/NO	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	YES/NO	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	YES/NO	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	YES/NO	if ((pre2diffwu7<780) or (pre2diffwu7>900)) pre2cort7_out = 1. if ((pre2diffwu7 ge 780) and (pre2diffwu7 le 900)) pre2cort7_out = 0.
slva.pre2cort1_win	Pre-Q' (Home) Day 2: wu + 60 cort (nmol/l) - in window		if (pre2cort1_out = 0) slva.pre2cort1_win = slva.pre2cort1. if (pre2cort1_out = 1) slva.pre2cort1_win = $sysmis.
slva.pre2cort2_win	Pre-Q' (Home) Day 2: wu +120 cort (nmol/l) - in window		if (pre2cort2_out = 0) slva.pre2cort2_win = slva.pre2cort2. if (pre2cort2_out = 1) slva.pre2cort2_win = $sysmis.
slva.pre2cort3_win	Pre-Q' (Home) Day 2: wu +240 cort (nmol/l) - in window		if (pre2cort3_out = 0) slva.pre2cort3_win = slva.pre2cort3. if (pre2cort3_out = 1) slva.pre2cort3_win = $sysmis.
slva.pre2cort4_win	Pre-Q' (Home) Day 2: wu +420 cort (nmol/l) - in window		if (pre2cort4_out = 0) slva.pre2cort4_win = slva.pre2cort4. if (pre2cort4_out = 1) slva.pre2cort4_win = $sysmis.
slva.pre2cort5_win	Pre-Q' (Home) Day 2: wu +540 cort (nmol/l) - in window		if (pre2cort5_out = 0) slva.pre2cort5_win = slva.pre2cort5. if (pre2cort5_out = 1) slva.pre2cort5_win = $sysmis.
slva.pre2cort6_win	Pre-Q' (Home) Day 2: wu +660 cort (nmol/l) - in window		if (pre2cort6_out = 0) slva.pre2cort6_win = slva.pre2cort6. if (pre2cort6_out = 1) slva.pre2cort6_win = $sysmis.
slva.pre2cort7_win	Pre-Q' (Home) Day 2: wu +840 cort (nmol/l) - in window		if (pre2cort7_out = 0) slva.pre2cort7_win = slva.pre2cort7. if (pre2cort7_out = 1) slva.pre2cort7_win = $sysmis.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0diffwu1	Q' Day 0: time between actual wake-up & sample 1 (min)		q0diffwu1 = datediff(q0time1, q0wake, "minutes").
q0diff12	Q' Day 0: time between sample collections 1 and 2 (min)		q0diff12 = datediff(q0time2, q0time1, "minutes").
q0diff23	Q' Day 0: time between sample collections 2 and 3 (min)		q0diff23 = datediff(q0time3, q0time2, "minutes").
q0diff34	Q' Day 0: time between sample collections 3 and 4 (min)		q0diff34 = datediff(q0time4, q0time3, "minutes").
q0diff45	Q' Day 0: time between sample collections 4 and 5 (min)		q0diff45 = datediff(q0time5, q0time4, "minutes").
q0diff56	Q' Day 0: time between sample collections 5 and 6 (min)		q0diff56 = datediff(q0time6, q0time5, "minutes").
q0diff67	Q' Day 0: time between sample collections 6 and 7 (min)		q0diff67 = datediff(q0time7, q0time6, "minutes").
q0diff78	Q' Day 0: time between sample collections 7 and 8 (min)		q0diff78 = datediff(q0time8, q0time7, "minutes").
q0diff46	Q' Day 0: time between sample collections 4 and 6 (min)		q0diff46 = datediff(q0time6, q0time4, "minutes").
q0diff47	Q' Day 0: time between sample collections 4 and 7 (min)		q0diff47 = datediff(q0time7, q0time4, "minutes").
q0diff57	Q' Day 0: time between sample collections 5 and 7 (min)		q0diff57 = datediff(q0time7, q0time5, "minutes").
q0diff58	Q' Day 0: time between sample collections 5 and 8 (min)		q0diff58 = datediff(q0time8, q0time5, "minutes").
q0diff68	Q' Day 0: time between sample collections 6 and 8 (min)		q0diff68 = datediff(q0time8, q0time6, "minutes").
q0diffwu2	Q' Day 0: time between actual wake-up & sample 2 (min)		q0diffwu2 = datediff(q0time2, q0wake, "minutes").
q0diffwu3	Q' Day 0: time betwn expected wake-up (8am) & sample 3 (min)		q0diffwu3 = datediff(q0time3, q0wake, "minutes").
q0diffwu4	Q' Day 0: time betwn expected wake-up (8am) & sample 4 (min)		q0diffwu4 = datediff(q0time4, q0wake, "minutes").
q0diffwu5	Q' Day 0: time betwn expected wake-up (8am) & sample 5 (min)		q0diffwu5 = datediff(q0time5, q0wake, "minutes").
q0diffwu6	Q' Day 0: time betwn expected wake-up (8am) & sample 6 (min)		q0diffwu6 = datediff(q0time6, q0wake, "minutes").
q0diffwu7	Q' Day 0: time betwn expected wake-up (8AM) & sample 7 (min)		q0diffwu7 = datediff(q0time7, q0wake, "minutes").
q0diffwu8	Q' Day 0: time betwn expected wake-up (8am) & sample 8 (min)		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.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0cort1_out	Q'rntine Day 0: sample 1 outside window	YES/NO	if (q0diffwu1>30) q0cort1_out = 1. if (q0diffwu1 le 30) q0cort1_out = 0.
q0cort2_out	Q'rntine Day 0: sample 2 outside window	YES/NO	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	YES/NO	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	YES/NO	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	YES/NO	if ((q0diffwu5<240) or (q0diffwu5>360)) q0cort5_out = 1. if ((q0diffwu5 ge 240) and (q0diffwu5 le 360)) q0cort5_out = 0.
q0cort6_out	Q'rntine Day 0: sample 6 outside window	YES/NO	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	YES/NO	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	YES/NO	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) - in window		if (q0cort1_out = 0) slva.q0cort1_win = slva.q0cort1. if (q0cort1_out = 1) slva.q0cort1_win = $sysmis.
slva.q0cort2_win	Q'rntine Day 0: wu + 60 cortisol (nmol/l) - in window		if (q0cort2_out = 0) slva.q0cort2_win = slva.q0cort2. if (q0cort2_out = 1) slva.q0cort2_win = $sysmis.
slva.q0cort3_win	Q'rntine Day 0: 10:00 am cortisol (nmol/l) - in window		if (q0cort3_out = 0) slva.q0cort3_win = slva.q0cort3. if (q0cort3_out = 1) slva.q0cort3_win = $sysmis.
slva.q0cort4_win	Q'rntine Day 0: 11:55 am cortisol (nmol/l) - in window		if (q0cort4_out = 0) slva.q0cort4_win = slva.q0cort4. if (q0cort4_out = 1) slva.q0cort4_win = $sysmis.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
slva.q0cort5_win	Q'rntine Day 0: 1:00 pm cortisol (nmol/l) - in window		if (q0cort5_out = 0) slva.q0cort5_win = slva.q0cort5. if (q0cort5_out = 1) slva.q0cort5_win = $sysmis.
slva.q0cort6_win	Q'rntine Day 0: 3:00 pm cortisol (nmol/l) - in window		if (q0cort6_out = 0) slva.q0cort6_win = slva.q0cort6. if (q0cort6_out = 1) slva.q0cort6_win = $sysmis.
slva.q0cort7_win	Q'rntine Day 0: 5:00 pm cortisol (nmol/l) - in window		if (q0cort7_out = 0) slva.q0cort7_win = slva.q0cort7. if (q0cort7_out = 1) slva.q0cort7_win = $sysmis.
slva.q0cort8_win	Q'rntine Day 0: 10:00 pm cortisol (nmol/l) - in window		if (q0cort8_out = 0) slva.q0cort8_win = slva.q0cort8. if (q0cort8_out = 1) slva.q0cort8_win = $sysmis.
slva.pre1cort_auc	Pre-Quarantine (Home) Day 1 Cortisol AUC		Cortisol area under the curve (AUC) was computed using the trapezoid rule, as per Pruessner et al (2003). AUC values were computed for all participants who met specific missing value criteria for each measurement day (see calculation pages for Pre-Quarantine Days 1 & 2 and Quarantine Day 0)
slva.pre1cort_auc_win	Pre-Q' (Home) Day 1 Cort AUC - samples in window		
slva.pre2cort_auc	Pre-Quarantine (Home) Day 2 Cortisol AUC		
slva.pre2cort_auc_win	Pre-Q' (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' Day 1 Cortisol AUC - samples in window (log_{10})		log_pre1cort_auc_win = log10(slva.pre1cort_auc_win)
log_pre2cort_auc	Pre-Quarantine (Home) Day 2 Cortisol AUC (log_{10})		log_pre2cort_auc = log10(slva.pre2cort_auc)
log_pre2cort_auc_win	Pre-Q' Day 2 Cortisol AUC – samples 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' Day 0 Cortisol AUC – samples in window (log_{10})		log_q0cort_auc_win = log10(slva.q0cort_auc_win)
pre1wakeup	Pre-Q' (Home) Day 1 wake-up time (min past midnite)		pre1wakeup = datediff(pre1wake, midnight, "minutes").
pre1cort1_resid	Unstandardized Residual		Unstandardized residuals were computed by regressing the raw cortisol measurement value on pre-challenge day 1 wake up time (pre1wakeup). The derived residual was then added to the mean value of the relevant raw score to create a variable that was adjusted for wake up time (see below).
pre1cort2_resid	Unstandardized Residual		
pre1cort3_resid	Unstandardized Residual		
pre1cort4_resid	Unstandardized Residual		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
pre1cort5_resid	Unstandardized Residual		
pre1cort6_resid	Unstandardized Residual		
pre1cort7_resid	Unstandardized Residual		
adj.pre1cort1	Pre-Q' (Home) Day 1 wu + 60 cort - adj for wake-up		adj.pre1cort1 = 16.222 + pre1cort1_resid; if (adj.pre1cort1<0) adj.pre1cort1=0.
adj.pre1cort2	Pre-Q' (Home) Day 1 wu + 120 cort - adj for wake-up		adj.pre1cort2 = 10.968 + pre1cort2_resid; if (adj.pre1cort2<0) adj.pre1cort2=0.
adj.pre1cort3	Pre-Q' (Home) Day 1 wu + 240 cort - adj for wake-up		adj.pre1cort3 = 8.145 + pre1cort3_resid; if (adj.pre1cort3<0) adj.pre1cort3 = 0.
adj.pre1cort4	Pre-Q' (Home) Day 1 wu + 420 cort - adj for wake-up		adj.pre1cort4 = 6.240 + pre1cort4_resid; if (adj.pre1cort4<0) adj.pre1cort4 = 0.
adj.pre1cort5	Pre-Q' (Home) Day 1 wu + 540 cort - adj for wake-up		adj.pre1cort5 = 5.366 + pre1cort5_resid; if (adj.pre1cort5<0) adj.pre1cort5 = 0.
adj.pre1cort6	Pre-Q' (Home) Day 1 wu + 660 cort - adj for wake-up		adj.pre1cort6 = 4.468 + pre1cort6_resid; if (adj.pre1cort6 lt 0) adj.pre1cort6=0.
adj.pre1cort7	Pre-Q' (Home) Day 1 wu + 840 cort - adj for wake-up		adj.pre1cort7 = 3.825 + pre1cort7_resid; if (adj.pre1cort7<0) adj.pre1cort7 = 0.
pre2wakeup	Pre-Q' (Home) Day 2 wake-up time (min past midnite)		pre2wakeup = datediff(pre2wake, midnight, "minutes").
pre2cort1_resid	Unstandardized Residual		Unstandardized residuals were computed by regressing the raw cortisol measurement value on pre-challenge day 2 wake up time (pre2wakeup). The derived residual was then added to the mean value of the relevant raw score to create a variable that was adjusted for wake up time (see below).
pre2cort2_resid	Unstandardized Residual		
pre2cort3_resid	Unstandardized Residual		
pre2cort4_resid	Unstandardized Residual		
pre2cort5_resid	Unstandardized Residual		
pre2cort6_resid	Unstandardized Residual		
pre2cort7_resid	Unstandardized Residual		
adj.pre2cort1	Pre-Q' (Home) Day 2 wu + 60 cort - adj for wake-up		adj.pre2cort1 = 16.517 + pre2cort1_resid; if (adj.pre2cort1<0) adj.pre2cort1=0.
adj.pre2cort2	Pre-Q' (Home) Day 2 wu + 120 cort - adj for wake-up		adj.pre2cort2 = 10.929 + pre2cort2_resid; if (adj.pre2cort2<0) adj.pre2cort2=0.
adj.pre2cort3	Pre-Q' (Home) Day 2 wu + 240 cort - adj for wake-up		adj.pre2cort3 = 7.540 + pre2cort3_resid; if (adj.pre2cort3<0) adj.pre2cort3 = 0.
adj.pre2cort4	Pre-Q' (Home) Day 2 wu + 420 cort - adj for wake-up		adj.pre2cort4 = 6.623 + pre2cort4_resid; if (adj.pre2cort4<0) adj.pre2cort4 = 0.
adj.pre2cort5	Pre-Q' (Home) Day 2 wu + 540 cort - adj for wake-up		adj.pre2cort5 = 5.021 + pre2cort5_resid; if (adj.pre2cort5<0) adj.pre2cort5 = 0.
adj.pre2cort6	Pre-Q' (Home) Day 2 wu + 660 cort - adj for wake-up		adj.pre2cort6 = 4.060 + pre2cort6_resid; if (adj.pre2cort6<0) adj.pre2cort6 = 0.
adj.pre2cort7	Pre-Q' (Home) Day 2 wu + 840 cort - adj for wake-up		adj.pre2cort7 = 3.673 + pre2cort7_resid; if (adj.pre2cort7<0) adj.pre2cort7 = 0.

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
q0wakeup	Q'rntine 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		
adj.q0cort1	Quarantine Day 0 wake-up cortisol - adj for wake-up		adj.q0cort1 = 14.151 + q0cort1_resid; if (adj.q0cort1 lt 0) adj.q0cort1 = 0.
adj.q0cort2	Quarantine Day 0 wu + 60 cortisol - adj for wake-up		adj.q0cort2 = 20.934 + q0cort2_resid; if (adj.q0cort2 lt 0) adj.q0cort2 = 0.
adj.q0cort3	Quarantine Day 0 10:00 am cortisol - adj for wake-up		adj.q0cort3 = 11.180 + q0cort3_resid; if (adj.q0cort3 lt 0) adj.q0cort3 = 0.
adj.q0cort4	Quarantine Day 0 11:55 am cortisol - adj for wake-up		adj.q0cort4 = 7.343 + q0cort4_resid; if (adj.q0cort4 lt 0) adj.q0cort4 = 0.
adj.q0cort5	Quarantine Day 0 1:00 pm cortisol - adj for wake-up		adj.q0cort5 = 9.872 + q0cort5_resid; if (adj.q0cort5 lt 0) adj.q0cort5 = 0.
adj.q0cort6	Quarantine Day 0 3:00 pm cortisol - adj for wake-up		adj.q0cort6 = 6.154 + q0cort6_resid; if (adj.q0cort6 lt 0) adj.q0cort6 = 0.
adj.q0cort7	Quarantine Day 0 5:00 pm cortisol - adj for wake-up		adj.q0cort7 = 6.057 + q0cort7_resid; if (adj.q0cort7 lt 0) adj.q0cort7 = 0.
adj.q0cort8	Quarantine Day 0 10:00 pm cortisol - adj for wake-up		adj.q0cort8 = 3.844 + q0cort8_resid; if (adj.q0cort8 lt 0) adj.q0cort8 = 0.
adj.pre1cort1_win	Pre-Q' Day 1 wu + 60 cort - adj wake-up, in window		See computation of Pre-Quarantine Day 1 in-window variables above.
adj.pre1cort2_win	Pre-Q' Day 1 wu + 120 cort - adj wake-up, in window		
adj.pre1cort3_win	Pre-Q' Day 1 wu + 240 cort - adj wake-up, in window		
adj.pre1cort4_win	Pre-Q' Day 1 wu + 420 cort - adj wake-up, in window		
adj.pre1cort5_win	Pre-Q' Day 1 wu + 540 cort - adj wake-up, in window		
adj.pre1cort6_win	Pre-Q' Day 1 wu + 660 cort - adj wake-up, in window		
adj.pre1cort7_win	Pre-Q' Day 1 wu + 840 cort - adj wake-up, in window		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
adj.pre2cort1_win	Pre-Q' Day 2 wu + 60 cort - adj wake-up, in window		See computation of Pre-Quarantine Day 2 in-window variables above.
adj.pre2cort2_win	Pre-Q' Day 2 wu + 120 cort - adj wake-up, in window		
adj.pre2cort3_win	Pre-Q' Day 2 wu + 240 cort - adj wake-up, in window		
adj.pre2cort4_win	Pre-Q' Day 2 wu + 420 cort - adj wake-up, in window		
adj.pre2cort5_win	Pre-Q' Day 2 wu + 540 cort - adj wake-up, in window		
adj.pre2cort6_win	Pre-Q' Day 2 wu + 660 cort - adj wake-up, in window		
adj.pre2cort7_win	Pre-Q' Day 2 wu + 840 cort - adj wake-up, in window		
adj.q0cort1_win	Q' Day 0 wake-up cortisol - adj wake-up, in window		See computation of Quarantine Day 0 in-window variables above.
adj.q0cort2_win	Q' Day 0 wu + 60 cortisol - adj wake-up, in window		
adj.q0cort3_win	Q' Day 0 10:00 am cortisol - adj wake-up, in window		
adj.q0cort4_win	Q' Day 0 11:55 am cortisol - adj wake-up, in window		
adj.q0cort5_win	Q' Day 0 1:00 pm cortisol - adj wake-up, in window		
adj.q0cort6_win	Q' Day 0 3:00 pm cortisol - adj wake-up, in window		
adj.q0cort7_win	Q' Day 0 5:00 pm cortisol - adj wake-up, in window		
adj.q0cort8_win	Q' Day 0 10:00 pm cortisol - adj wake-up, in window		
adj.pre1cort_auc	Pre-Quarantine (Home) Day 1 Adjusted Cortisol AUC		Cortisol area under the curve (AUC) was computed using the trapezoid rule, as per Pruessner et al (2003). AUC values were computed for all participants who met specific missing value criteria for each measurement day (see calculation pages for Pre-Quarantine Days 1 & 2 and Quarantine Day 0)
adj.pre1cort_auc_win	Pre-Q'rntine Day 1 Adj Cort AUC - samples in window		
adj.pre2cort_auc	Pre-Quarantine (Home) Day 2 Adj Cortisol AUC		
adj.pre2cort_auc_win	Pre-Q'rntine Day 2 Adj Cort AUC - samples in window		
adj.q0cort_auc	Q'rntine Day 0 Adjusted Cortisol AUC		
adj.q0cort_auc_win	Q'rntine Day 0 Adjusted Cort AUC - samples in window		
ladj.pre1cort_auc	Pre-Q'rntine (Home) Day 1 Adj Cortisol AUC (log_{10})		ladj.pre1cort_auc = log10(adj.pre1cort_auc).
ladj.pre1cort_auc_win	Pre-Q' Day 1 Adj Cort AUC - samples in window (log_{10})		ladj.pre1cort_auc_win = log10(adj.pre1cort_auc_win).
ladj.pre2cort_auc	Pre-Q'rntine (Home) Day 2 Adj Cortisol AUC (log_{10})		ladj.pre2cort_auc = log10(adj.pre2cort_auc).
ladj.pre2cort_auc_win	Pre-Q' Day 2 Adj Cort AUC - samples in window (log_{10})		ladj.pre2cort_auc_win = log10(adj.pre2cort_auc_win).
ladj.q0cort_auc	Q'rntine Day 0 Adjusted Cortisol AUC (log10)		ladj.q0cort_auc = log10(adj.q0cort_auc).
ladj.q0cort_auc_win	Q' Day 0 Adj Cortisol AUC – samples in window (log_{10})		ladj.q0cort_auc_win = log10(adj.q0cort_auc_win).

BIOLOGICAL PATHWAYS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
isop	*****URINE F2-ISOPROSTANES*****		
urn.isop_ngml1	Pre-Quarantine (physical exam): urine F2-isoprostane (ng/mL)		
urn.cr_mgdl1	Pre-Quarantine (physical exam): urine creatinine (mg/dL)		
urn.isop_ngml2	Quarantine Day 0 (pre-challenge): urine F2-isoprostane (ng/mL)		
urn.cr_mgdl2	Quarantine Day 0 (pre-challenge): urine creatinine (mg/dL)		
urn.isop1ng_cr1mg	Pre-Q' (physical exam): F2-isoprostane (ng) / creatinine (mg)		urn.isop1ng_cr1mg = (urn.isop_ngml1*100)/urn.cr_mgdl1
urn.isop2ng_cr2mg	Q' Day 0 (pre-challenge): F2-isoprostane (ng) / creatinine (mg)		urn.isop2ng_cr2mg = (urn.isop_ngml2*100)/urn.cr_mgdl2
urn.isop_cr_avg	Avg Urine F2-Isop (ng) / creatinine (mg) - avg 2 collections		urn.isop_cr_avg = mean(urn.isop1ng_cr1mg, urn.isop2ng_cr2mg).
urn.isop_cr_nomiss	Avg Urine F2-Isop (ng) / creatinine (mg) - both nonmissing		urn.isop_cr_nomiss = mean.2(urn.isop1ng_cr1mg, urn.isop2ng_cr2mg).
cbc	*****SCREENING CBC AND 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)		
cbc.absneut	CBC: absolute neutrophil count (10^3 cells/microliter)		
cbc.pctlym	CBC: % WBCs that are lymphocytes (range: 0-99)		
cbc.abslym	CBC: absolute lymphocyte count (10^3 cells/microliter)		
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)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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		

Return to ToC

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
PATENCY	0=wide open	RHNQNT	0=none	GENO2	1=CC or CG/GC	DYE	1=none
	1=open		1=scanty		2=GG		2=temporary
	2=slightly obstructed		2=some				3=semi-permanent
	3=moderately obstructed		3=moderate	PHENO	1=low production		4=permanent
	4=severely obstructed		4=profuse		2=high production		
						SMKEXP	1=none
EDEMA	0=none	RHNCOL	0=none	YES/NO	0=no		2=subject is a smoker
	1=mild		1=colorless		1=yes		3=passive exposure (≤ once a week)
	2=moderate		2=white				4=passive exposure (>once a week)
	3=severe		3=yellow	MISS	0=not missing		
					1=missing		
RHNQUL	0=none	SINDIS	0=none				
	1=serous		1=suspicious	CMVSTAT	0=seronegative		
	2=sero-mucinous		2=apparent		1=seropositive		
	3=mucinous						
	4=purulent	GENO10	1=AA	COLOR	1=blond		
			2=AC/CA		2=dark blond		
MUCCOL	0=normal		3=AG/GA		3=light brown		
	1=white		4=AT/TA		4=brown		
	2=pale		5=CC		5=dark brown		
	3=pink		6=CG/GC		6=black		
	4=red		7=CT/TC		7=gray		
			8=GG		8=red		
			9=GT/TG		9=other		
			10=TT				

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.

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
LABSTRESS	*****LABORATORY STRESS REACTIVITY*****		
cvrrest	*****PRE-REACTIVITY PROTOCOL RESTING MEASURES*****		
s1sbp_man1	S1 - manual BP - resting SBP 1		
s1dbp_man1	S1 - manual BP - resting DBP 1		
s1map_man1	S1 - manual BP - resting MAP 1 (computed)		s1map_man1 = ((2*s1dbp_man1)+s1sbp_man1)/3
s1sbp_man2	S1 - manual BP - resting SBP 2		
s1dbp_man2	S1 - manual BP - resting DBP 2		
s1map_man2	S1 - manual BP - resting MAP 2 (computed)		s1map_man2 = ((2*s1dbp_man2)+s1sbp_man2)/3
s1sbp_man3	S1 - manual BP - resting SBP 3		
s1dbp_man3	S1 - manual BP - resting DBP 3		
s1map_man3	S1 - manual BP - resting MAP 3 (computed)		s1map_man3 = ((2*s1dbp_man3)+s1sbp_man3)/3
s1sbp_auto	S1 - automated BP - resting SBP		
s1dbp_auto	S1 - automated BP - resting DBP		
s1map_auto	S1 - automated BP - resting MAP		
s1hr_auto	S1 - automated resting HR		
s2sbp_man1	S2 - manual BP - resting SBP 1		
s2dbp_man1	S2 - manual BP - resting DBP 1		
s2map_man1	S2 - manual BP - resting MAP 1 (computed)		S2map_man1 = ((2*s2dbp_man1)+s2sbp_man1)/3
s2sbp_man2	S2 - manual BP - resting SBP 2		
s2dbp_man2	S2 - manual BP - resting DBP 2		
s2map_man2	S2 - manual BP - resting MAP 2 (computed)		s2map_man2 = ((2*s2dbp_man2)+s2sbp_man2)/3
s2sbp_man3	S2 - manual BP - resting SBP 3		
s2dbp_man3	S2 - manual BP - resting DBP 3		
s2map_man3	S2 - manual BP - resting MAP 3 (computed)		s2map_man3 = ((2*s2dbp_man3)+s2sbp_man3)/3
s2sbp_auto	S2 - automated BP - resting SBP		
s2dbp_auto	S2 - automated BP - resting DBP		
s2map_auto	S2 - automated BP - resting MAP		
s2hr_auto	S2 - automated resting HR		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1sbp_man_avg	S1 - Resting SBP - Average of Manual 2 & 3		s1sbp_man_avg = mean(s1sbp_man2, s1sbp_man3)
s1dbp_man_avg	S1 - Resting DBP - Average of Manual 2 & 3		s1dbp_man_avg = mean(s1dbp_man2, s1dbp_man3)
s1map_man_avg	S1 - Resting MAP - Average of Manual 2 & 3		s1map_man_avg = mean(s1map_man2, s1map_man3)
s2sbp_man_avg	S2 - Resting SBP - Average of Manual 2 & 3		s2sbp_man_avg = mean(s2sbp_man2, s2sbp_man3)
s2dbp_man_avg	S2 - Resting DBP - Average of Manual 2 & 3		s2dbp_man_avg = mean(s2dbp_man2, s2dbp_man3)
s2map_man_avg	S2 - Resting MAP - Average of Manual 2 & 3		s2map_man_avg = mean(s2map_man2, s2map_man3)
sbp_man_avg	Average Resting SBP - Manual (S1 & S2)		sbp_man_avg = mean(s1sbp_man_avg, s2sbp_man_avg)
dbp_man_avg	Average Resting DBP - Manual (S1 & S2)		dbp_man_avg = mean(s1dbp_man_avg, s2dbp_man_avg)
map_man_avg	Average Resting MAP - Manual (S1 & S2)		map_man_avg = mean(s1map_man_avg, s2map_man_avg)
sbp_auto_avg	Average Resting SBP - Automated (S1 & S2)		sbp_auto_avg = mean(s1sbp_auto_avg, s2sbp_auto_avg)
dbp_auto_avg	Average Resting DBP - Automated (S1 & S2)		dbp_auto_avg = mean(s1dbp_auto_avg, s2dbp_auto_avg)
map_auto_avg	Average Resting MAP - Automated (S1 & S2)		map_auto_avg = mean(s1map_auto_avg, s2map_auto_avg)
hr_auto_avg	Average Resting HR - Automated (S1 & S2)		hr_auto_avg = mean(s1hr_auto_avg, s2hr_auto_avg)
cvr	*****CARDIOVASCULAR REACTIVITY*****		
s1bsbp1	S1 - baseline BP systolic 1		
s1bdbp1	S1 - baseline BP diastolic 1		
s1bmap1	S1 - baseline MAP 1		
s1bhr1	S1 - baseline heart rate 1		
s1bsbp2	S1 - baseline BP systolic 2		
s1bdbp2	S1 - baseline BP diastolic 2		
s1bmap2	S1 - baseline MAP 2		
s1bhr2	S1 - baseline heart rate 2		
s1bsbp3	S1 - baseline BP systolic 3		
s1bdbp3	S1 - baseline BP diastolic 3		
s1bmap3	S1 - baseline MAP 3		
s1bhr3	S1 - baseline heart rate 3		
s1bsbp4	S1 - baseline BP systolic 4		
s1bdbp4	S1 - baseline BP diastolic 4		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1bmap4	S1 - baseline MAP 4		
s1bhr4	S1 - baseline heart rate 4		
s1tsbp1	S1 - task BP systolic 1		
s1tdbp1	S1 - task BP diastolic 1		
s1tmap1	S1 - task MAP 1		
s1thr1	S1 - task heart rate 1		
s1tsbp2	S1 - task BP systolic 2		
s1tdbp2	S1 - task BP diastolic 2		
s1tmap2	S1 - task MAP 2		
s1thr2	S1 - task heart rate 2		
s1tsbp3	S1 - task BP systolic 3		
s1tdbp3	S1 - task BP diastolic 3		
s1tmap3	S1 - task MAP 3		
s1thr3	S1 - task heart rate 3		
s1tsbp4	S1 - task BP systolic 4		
s1tdbp4	S1 - task BP diastolic 4		
s1tmap4	S1 - task MAP 4		
s1thr4	S1 - task heart rate 4		
s1tsbp5	S1 - task BP systolic 5		
s1tdbp5	S1 - task BP diastolic 5		
s1tmap5	S1 - task MAP 5		
s1thr5	S1 - task heart rate 5		
s1tsbp6	S1 - task BP systolic 6		
s1tdbp6	S1 - task BP diastolic 6		
s1tmap6	S1 - task MAP 6		
s1thr6	S1 - task heart rate 6		
s1tsbp7	S1 - task BP systolic 7		
s1tdbp7	S1 - task BP diastolic 7		
s1tmap7	S1 - task MAP 7		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1thr7	S1 - task heart rate 7		
s1tsbp8	S1 - task BP systolic 8		
s1tdbp8	S1 - task BP diastolic 8		
s1tmap8	S1 - task MAP 8		
s1thr8	S1 - task heart rate 8		
s1tsbp9	S1 - task BP systolic 9		
s1tdbp9	S1 - task BP diastolic 9		
s1tmap9	S1 - task MAP 9		
s1thr9	S1 - task heart rate 9		
s1rsbp1	S1 - recovery BP systolic 1		
s1rdbp1	S1 - recovery BP diastolic 1		
s1rmap1	S1 - recovery MAP 1		
s1rhr1	S1 - recovery heart rate 1		
s1rsbp2	S1 - recovery BP systolic 2		
s1rdbp2	S1 - recovery BP diastolic 2		
s1rmap2	S1 - recovery MAP 2		
s1rhr2	S1 - recovery heart rate 2		
s1rsbp3	S1 - recovery BP systolic 3		
s1rdbp3	S1 - recovery BP diastolic 3		
s1rmap3	S1 - recovery MAP 3		
s1rhr3	S1 - recovery heart rate 3		
s1rsbp4	S1 - recovery BP systolic 4		
s1rdbp4	S1 - recovery BP diastolic 4		
s1rmap4	S1 - recovery MAP 4		
s1rhr4	S1 - recovery heart rate 4		
s1rsbp5	S1 - recovery BP systolic 5		
s1rdbp5	S1 - recovery BP diastolic 5		
s1rmap5	S1 - recovery MAP 5		
s1rhr5	S1 - recovery heart rate 5		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1rsbp6	S1 - recovery BP systolic 6		
s1rdbp6	S1 - recovery BP diastolic 6		
s1rmap6	S1 - recovery MAP 6		
s1rhr6	S1 - recovery heart rate 6		
s1rsbp7	S1 - recovery BP systolic 7		
s1rdbp7	S1 - recovery BP diastolic 7		
s1rmap7	S1 - recovery MAP 7		
s1rhr7	S1 - recovery heart rate 7		
s1rsbp8	S1 - recovery BP systolic 8		
s1rdbp8	S1 - recovery BP diastolic 8		
s1rmap8	S1 - recovery MAP 8		
s1rhr8	S1 - recovery heart rate 8		
s1rsbp9	S1 - recovery BP systolic 9		
s1rdbp9	S1 - recovery BP diastolic 9		
s1rmap9	S1 - recovery MAP 9		
s1rhr9	S1 - recovery heart rate 9		
s1rsbp10	S1 - recovery BP systolic 10		
s1rdbp10	S1 - recovery BP diastolic 10		
s1rmap10	S1 - recovery MAP 10		
s1rhr10	S1 - recovery heart rate 10		
s1rsbp11	S1 - recovery BP systolic 11		
s1rdbp11	S1 - recovery BP diastolic 11		
s1rmap11	S1 - recovery MAP 11		
s1rhr11	S1 - recovery heart rate 11		
s1rsbp12	S1 - recovery BP systolic 12		
s1rdbp12	S1 - recovery BP diastolic 12		
s1rmap12	S1 - recovery MAP 12		
s1rhr12	S1 - recovery heart rate 12		
s1rsbp13	S1 - recovery BP systolic 13		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1rdbp13	S1 - recovery BP diastolic 13		
s1rmap13	S1 - recovery MAP 13		
s1rhr13	S1 - recovery heart rate 13		
s1rsbp14	S1 - recovery BP systolic 14		
s1rdbp14	S1 - recovery BP diastolic 14		
s1rmap14	S1 - recovery MAP 14		
s1rhr14	S1 - recovery heart rate 14		
s1rsbp15	S1 - recovery BP systolic 15		
s1rdbp15	S1 - recovery BP diastolic 15		
s1rmap15	S1 - recovery MAP 15		
s1rhr15	S1 - recovery heart rate 15		
s2bsbp1	S2 - baseline BP systolic 1		
s2bdbp1	S2 - baseline BP diastolic 1		
s2bmap1	S2 - baseline MAP 1		
s2bhr1	S2 - baseline heart rate 1		
s2bsbp2	S2 - baseline BP systolic 2		
s2bdbp2	S2 - baseline BP diastolic 2		
s2bmap2	S2 - baseline MAP 2		
s2bhr2	S2 - baseline heart rate 2		
s2bsbp3	S2 - baseline BP systolic 3		
s2bdbp3	S2 - baseline BP diastolic 3		
s2bmap3	S2 - baseline MAP 3		
s2bhr3	S2 - baseline heart rate 3		
s2bsbp4	S2 - baseline BP systolic 4		
s2bdbp4	S2 - baseline BP diastolic 4		
s2bmap4	S2 - baseline MAP 4		
s2bhr4	S2 - baseline heart rate 4		
s2tsbp1	S2 - task BP systolic 1		
s2tdbp1	S2 - task BP diastolic 1		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2tmap1	S2 - task MAP 1		
s2thr1	S2 - task heart rate 1		
s2tsbp2	S2 - task BP systolic 2		
s2tdbp2	S2 - task BP diastolic 2		
s2tmap2	S2 - task MAP 2		
s2thr2	S2 - task heart rate 2		
s2tsbp3	S2 - task BP systolic 3		
s2tdbp3	S2 - task BP diastolic 3		
s2tmap3	S2 - task MAP 3		
s2thr3	S2 - task heart rate 3		
s2tsbp4	S2 - task BP systolic 4		
s2tdbp4	S2 - task BP diastolic 4		
s2tmap4	S2 - task MAP 4		
s2thr4	S2 - task heart rate 4		
s2tsbp5	S2 - task BP systolic 5		
s2tdbp5	S2 - task BP diastolic 5		
s2tmap5	S2 - task MAP 5		
s2thr5	S2 - task heart rate 5		
s2tsbp6	S2 - task BP systolic 6		
s2tdbp6	S2 - task BP diastolic 6		
s2tmap6	S2 - task MAP 6		
s2thr6	S2 - task heart rate 6		
s2tsbp7	S2 - task BP systolic 7		
s2tdbp7	S2 - task BP diastolic 7		
s2tmap7	S2 - task MAP 7		
s2thr7	S2 - task heart rate 7		
s2tsbp8	S2 - task BP systolic 8		
s2tdbp8	S2 - task BP diastolic 8		
s2tmap8	S2 - task MAP 8		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2thr8	S2 - task heart rate 8		
s2tsbp9	S2 - task BP systolic 9		
s2tdbp9	S2 - task BP diastolic 9		
s2tmap9	S2 - task MAP 9		
s2thr9	S2 - task heart rate 9		
s2rsbp1	S2 - recovery BP systolic 1		
s2rdbp1	S2 - recovery BP diastolic 1		
s2rmap1	S2 - recovery MAP 1		
s2rhr1	S2 - recovery heart rate 1		
s2rsbp2	S2 - recovery BP systolic 2		
s2rdbp2	S2 - recovery BP diastolic 2		
s2rmap2	S2 - recovery MAP 2		
s2rhr2	S2 - recovery heart rate 2		
s2rsbp3	S2 - recovery BP systolic 3		
s2rdbp3	S2 - recovery BP diastolic 3		
s2rmap3	S2 - recovery MAP 3		
s2rhr3	S2 - recovery heart rate 3		
s2rsbp4	S2 - recovery BP systolic 4		
s2rdbp4	S2 - recovery BP diastolic 4		
s2rmap4	S2 - recovery MAP 4		
s2rhr4	S2 - recovery heart rate 4		
s2rsbp5	S2 - recovery BP systolic 5		
s2rdbp5	S2 - recovery BP diastolic 5		
s2rmap5	S2 - recovery MAP 5		
s2rhr5	S2 - recovery heart rate 5		
s2rsbp6	S2 - recovery BP systolic 6		
s2rdbp6	S2 - recovery BP diastolic 6		
s2rmap6	S2 - recovery MAP 6		
s2rhr6	S2 - recovery heart rate 6		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2rsbp7	S2 - recovery BP systolic 7		
s2rdbp7	S2 - recovery BP diastolic 7		
s2rmap7	S2 - recovery MAP 7		
s2rhr7	S2 - recovery heart rate 7		
s2rsbp8	S2 - recovery BP systolic 8		
s2rdbp8	S2 - recovery BP diastolic 8		
s2rmap8	S2 - recovery MAP 8		
s2rhr8	S2 - recovery heart rate 8		
s2rsbp9	S2 - recovery BP systolic 9		
s2rdbp9	S2 - recovery BP diastolic 9		
s2rmap9	S2 - recovery MAP 9		
s2rhr9	S2 - recovery heart rate 9		
s2rsbp10	S2 - recovery BP systolic 10		
s2rdbp10	S2 - recovery BP diastolic 10		
s2rmap10	S2 - recovery MAP 10		
s2rhr10	S2 - recovery heart rate 10		
s2rsbp11	S2 - recovery BP systolic 11		
s2rdbp11	S2 - recovery BP diastolic 11		
s2rmap11	S2 - recovery MAP 11		
s2rhr11	S2 - recovery heart rate 11		
s2rsbp12	S2 - recovery BP systolic 12		
s2rdbp12	S2 - recovery BP diastolic 12		
s2rmap12	S2 - recovery MAP 12		
s2rhr12	S2 - recovery heart rate 12		
s2rsbp13	S2 - recovery BP systolic 13		
s2rdbp13	S2 - recovery BP diastolic 13		
s2rmap13	S2 - recovery MAP 13		
s2rhr13	S2 - recovery heart rate 13		
s2rsbp14	S2 - recovery BP systolic 14		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2rdbp14	S2 - recovery BP diastolic 14		
s2rmap14	S2 - recovery MAP 14		
s2rhr14	S2 - recovery heart rate 14		
s2rsbp15	S2 - recovery BP systolic 15		
s2rdbp15	S2 - recovery BP diastolic 15		
s2rmap15	S2 - recovery MAP 15		
s2rhr15	S2 - recovery heart rate 15		
averages	*****COMPUTED REACTIVITY PHASE AVERAGES*****		
s1bsbp_avg	Reactivity Session 1 - average Baseline SBP		s1bsbp_avg = mean.3(s1bsbp1, s1bsbp2, s1bsbp3, s1bsbp4)
s1bdbp_avg	Reactivity Session 1 - average Baseline DBP		s1bdbp_avg = mean.3(s1bdbp1, s1bdbp2, s1bdbp3, s1bdbp4)
s1bmap_avg	Reactivity Session 1 - average Baseline MAP		s1bmap_avg = mean.3(s1bmap1, s1bmap2, s1bmap3, s1bmap4)
s1bhr_avg	Reactivity Session 1 - average Baseline HR		s1bhr_avg = mean.3(s1bhr1, s1bhr2, s1bhr3, s1bhr4)
s1psbp_avg	Reactivity Session 1 - average Prep Period SBP		s1psbp_avg = mean.2(s1tsbp1, s1tsbp2, s1tsbp3)
s1pdbp_avg	Reactivity Session 1 - average Prep Period DBP		s1pdbp_avg = mean.2(s1tdbp1, s1tdbp2, s1tdbp3)
s1pmap_avg	Reactivity Session 1 - average Prep Period MAP		s1pmap_avg = mean.2(s1tmap1, s1tmap2, s1tmap3)
s1phr_avg	Reactivity Session 1 - average Prep Period HR		s1phr_avg = mean.2(s1thr1, s1thr2, s1thr3)
s1ssbp_avg	Reactivity Session 1 - average Speech SBP		s1ssbp_avg = mean.2(s1tsbp4, s1tsbp5, s1tsbp6)
s1sdbp_avg	Reactivity Session 1 - average Speech DBP		s1sdbp_avg = mean.2(s1tdbp4, s1tdbp5, s1tdbp6)
s1smap_avg	Reactivity Session 1 - average Speech MAP		s1smap_avg = mean.2(s1tmap4, s1tmap5, s1tmap6)
s1shr_avg	Reactivity Session 1 - average Speech HR		s1shr_avg = mean.2(s1thr4, s1thr5, s1thr6)
s1asbp_avg	Reactivity Session 1 - average Mental Arithmetic SBP		s1asbp_avg = mean.2(s1tsbp7, s1tsbp8, s1tsbp9)
s1adbp_avg	Reactivity Session 1 - average Mental Arithmetic DBP		s1adbp_avg = mean.2(s1tdbp7, s1tdbp8, s1tdbp9)
s1amap_avg	Reactivity Session 1 - average Mental Arithmetic MAP		s1amap_avg = mean.2(s1tmap7, s1tmap8, s1tmap9)
s1ahr_avg	Reactivity Session 1 - average Mental Arithmetic HR		s1ahr_avg = mean.2(s1thr7, s1thr8, s1thr9)
s1spsbp_avg	Reactivity Session 1 - average Speech + Prep SBP		s1spsbp_avg = mean.2(s1ssbp_avg, s1psbp_avg)
s1spdbp_avg	Reactivity Session 1 - average Speech + Prep DBP		s1spdbp_avg = mean.2(s1sdbp_avg, s1pdbp_avg)

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1spmap_avg	Reactivity Session 1 - average Speech + Prep MAP		s1spmap_avg = mean.2(s1smap_avg, s1pmap_avg)
s1sphr_avg	Reactivity Session 1 - average Speech + Prep HR		s1sphr_avg = mean.2(s1shr_avg, s1phr_avg)
s1tsbp_avg	Reactivity Session 1 - average Task (p+s+a) SBP		s1tsbp_avg = mean.3(s1ssbp_avg, s1psbp_avg, s1asbp_avg)
s1tdbp_avg	Reactivity Session 1 - average Task (p+s+a) DBP		s1tdbp_avg = mean.3(s1sdbp_avg, s1pdbp_avg, s1adbp_avg)
s1tmap_avg	Reactivity Session 1 - average Task (p+s+a) MAP		s1tmap_avg = mean.3(s1smap_avg, s1pmap_avg, s1amap_avg)
s1thr_avg	Reactivity Session 1 - average Task (p+s+a) HR		s1thr_avg = mean.3(s1shr_avg, s1phr_avg, s1ahr_avg)
s1r1sbp_avg	Reactivity Session 1 - average Recovery 1 SBP		s1r1sbp_avg = mean.2(s1rsbp1, s1rsbp2, s1rsbp3)
s1r1dbp_avg	Reactivity Session 1 - average Recovery 1 DBP		s1r1dbp_avg = mean.2(s1rdbp1, s1rdbp2, s1rdbp3)
s1r1map_avg	Reactivity Session 1 - average Recovery 1 MAP		s1r1map_avg = mean.2(s1rmap1, s1rmap2, s1rmap3)
s1r1hr_avg	Reactivity Session 1 - average Recovery 1 HR		s1r1hr_avg = mean.2(s1rthr1, s1rhr2, s1rhr3)
s1r2sbp_avg	Reactivity Session 1 - average Recovery 2 SBP		s1r2sbp_avg = mean.10(s1rsbp4 to s1rsbp15)
s1r2dbp_avg	Reactivity Session 1 - average Recovery 2 DBP		s1r2dbp_avg = mean.10(s1rdbp4 to s1rdbp15)
s1r2map_avg	Reactivity Session 1 - average Recovery 2 MAP		s1r2map_avg = mean.10(s1map4 to s1rmap15)
s1r2hr_avg	Reactivity Session 1 - average Recovery 2 HR		s1r2hr_avg = mean.10(s1rhr4 to s1rhr15)
s2bsbp_avg	Reactivity Session 2 - average Baseline SBP		
s2bdbp_avg	Reactivity Session 2 - average Baseline DBP		
s2bmap_avg	Reactivity Session 2 - average Baseline MAP		
s2bhr_avg	Reactivity Session 2 - average Baseline HR		
s2psbp_avg	Reactivity Session 2 - average Prep Period SBP		
s2pdbp_avg	Reactivity Session 2 - average Prep Period DBP		
s2pmap_avg	Reactivity Session 2 - average Prep Period MAP		
s2phr_avg	Reactivity Session 2 - average Prep Period HR		
s2ssbp_avg	Reactivity Session 2 - average Speech SBP		
s2sdbp_avg	Reactivity Session 2 - average Speech DBP		Created variables for reactivity session 2 are computed using procedures identical to those described above for session 1.
s2smap_avg	Reactivity Session 2 - average Speech MAP		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2shr_avg	Reactivity Session 2 - average Speech HR		
s2spsbp_avg	Reactivity Session 2 - average Mental Arithmetic SBP		
s2spdbp_avg	Reactivity Session 2 - average Mental Arithmetic DBP		
s2spmap_avg	Reactivity Session 2 - average Mental Arithmetic MAP		
s2sphr_avg	Reactivity Session 2 - average Mental Arithmetic HR		
s2asbp_avg	Reactivity Session 2 - average Speech + Prep SBP		
s2adbp_avg	Reactivity Session 2 - average Speech + Prep DBP		
s2amap_avg	Reactivity Session 2 - average Speech + Prep MAP		
s2ahr_avg	Reactivity Session 2 - average Speech + Prep HR		
s2tsbp_avg	Reactivity Session 2 - average Task (p+s+a) SBP		
s2tdbp_avg	Reactivity Session 2 - average Task (p+s+a) DBP		
s2tmap_avg	Reactivity Session 2 - average Task (p+s+a) MAP		
s2thr_avg	Reactivity Session 2 - average Task (p+s+a) HR		
s2r1sbp_avg	Reactivity Session 2 - average Recovery 1 SBP		
s2r1dbp_avg	Reactivity Session 2 - average Recovery 1 DBP		
s2r1map_avg	Reactivity Session 2 - average Recovery 1 MAP		
s2r1hr_avg	Reactivity Session 2 - average Recovery 1 HR		
s2r2sbp_avg	Reactivity Session 2 - average Recovery 2 SBP		
s2r2dbp_avg	Reactivity Session 2 - average Recovery 2 DBP		
s2r2map_avg	Reactivity Session 2 - average Recovery 2 MAP		
s2r2hr_avg	Reactivity Session 2 - average Recovery 2 HR		
diffscores	*****REACTIVITY DIFFERENCE SCORES*****		
s1tsbp_diffscr	Reactivity Session 1 - Task SBP - Baseline SBP		s1tsbp_diffscr = s1tsbp_avg-s1bsbp_avg
s1tdbp_diffscr	Reactivity Session 1 - Task DBP - Baseline DBP		s1tdbp_diffscr = s1tdbp_avg-s1bdbp_avg
s1thr_diffscr	Reactivity Session 1 - Task HR - Baseline HR		s1thr_diffscr = s1thr_avg-s1bhr_avg

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1tmap_diffscr	Reactivity Session 1 - Task MAP - Baseline MAP		s1tmap_diffscr = s1tmap_avg-s1bmap_avg
s2tsbp_diffscr	Reactivity Session 2 - Task SBP - Baseline SBP		s2tsbp_diffscr = s2tsbp_avg-s2bsbp_avg
s2tdbp_diffscr	Reactivity Session 2 - Task DBP - Baseline DBP		s2tdbp_diffscr = s2tdbp_avg-s2bdbp_avg
s2thr_diffscr	Reactivity Session 2 - Task HR - Baseline HR		s2thr_diffscr = s2thr_avg-s2bhr_avg
s2tmap_diffscr	Reactivity Session 2 - Task MAP - Baseline MAP		s2tmap_diffscr = s2tmap_avg-s2bmap_avg
s1psbp_diffscr	Reactivity Session 1 - Prep SBP - Baseline SBP		s1psbp_diffscr = s1psbp_avg-s1bsbp_avg
s1pdbp_diffscr	Reactivity Session 1 - Prep DBP - Baseline DBP		s1pdbp_diffscr = s1pdbp_avg-s1bdbp_avg
s1phr_diffscr	Reactivity Session 1 - Prep HR - Baseline HR		s1phr_diffscr = s1phr_avg-s1bhr_avg
s1pmap_diffscr	Reactivity Session 1 - Prep MAP - Baseline MAP		s1pmap_diffscr = s1pmap_avg-s1bmap_avg
s2psbp_diffscr	Reactivity Session 2 - Prep SBP - Baseline SBP		s2psbp_diffscr = s2psbp_avg-s2bsbp_avg
s2pdbp_diffscr	Reactivity Session 2 - Prep DBP - Baseline DBP		s2pdbp_diffscr = s2pdbp_avg-s2bdbp_avg
s2phr_diffscr	Reactivity Session 2 - Prep HR - Baseline HR		s2phr_diffscr = s2phr_avg-s2bhr_avg
s2pmap_diffscr	Reactivity Session 2 - Prep MAP - Baseline MAP		s2pmap_diffscr = s2pmap_avg-s2bmap_avg
s1ssbp_diffscr	Reactivity Session 1 - Speech SBP - Baseline SBP		s1ssbp_diffscr = s1ssbp_avg-s1bsbp_avg
s1sdbp_diffscr	Reactivity Session 1 - Speech DBP - Baseline DBP		s1sdbp_diffscr = s1sdbp_avg-s1bdbp_avg
s1shr_diffscr	Reactivity Session 1 - Speech HR - Baseline HR		s1shr_diffscr = s1shr_avg-s1bhr_avg
s1smap_diffscr	Reactivity Session 1 - Speech MAP - Baseline MAP		s1smap_diffscr = s1smap_avg-s1bmap_avg
s2ssbp_diffscr	Reactivity Session 2 - Speech SBP - Baseline SBP		s2ssbp_diffscr = s2ssbp_avg-s2bsbp_avg
s2sdbp_diffscr	Reactivity Session 2 - Speech DBP - Baseline DBP		s2sdbp_diffscr = s2sdbp_avg-s2bdbp_avg
s2shr_diffscr	Reactivity Session 2 - Speech HR - Baseline HR		s2shr_diffscr = s2shr_avg-s2bhr_avg
s2smap_diffscr	Reactivity Session 2 - Speech MAP - Baseline MAP		s2smap_diffscr = s2smap_avg-s2bmap_avg
s1spsbp_diffscr	Reactivity Session 1 - Speech + Prep SBP - Baseline SBP		s1spsbp_diffscr = s1spsbp_avg-s1bsbp_avg
s1spdbp_diffscr	Reactivity Session 1 - Speech + Prep DBP - Baseline DBP		s1spdbp_diffscr = s1spdbp_avg-s1bdbp_avg
s1sphr_diffscr	Reactivity Session 1 - Speech + Prep HR - Baseline HR		s1sphr_diffscr = s1sphr_avg-s1bhr_avg

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1spmap_diffscr	Reactivity Session 1 - Speech + Prep MAP - Baseline MAP		s1spmap_diffscr = s1spmap_avg-s1bmap_avg
s2spsbp_diffscr	Reactivity Session 2 - Speech + Prep SBP - Baseline SBP		s2spsbp_diffscr = s2spsbp_avg-s2bsbp_avg
s2spdbp_diffscr	Reactivity Session 2 - Speech + Prep DBP - Baseline DBP		s2spdbp_diffscr = s2spdbp_avg-s2bdbp_avg
s2sphr_diffscr	Reactivity Session 2 - Speech + Prep HR - Baseline HR		s2sphr_diffscr = s2sphr_avg-s2bhr_avg
s2spmap_diffscr	Reactivity Session 2 - Speech + Prep MAP - Baseline MAP		s2spmap_diffscr = s2spmap_avg-s2bmap_avg
s1asbp_diffscr	Reactivity Session 1 - Mental Arithmetic SBP - Baseline SBP		s1asbp_diffscr = s1asbp_avg-s1bsbp_avg
s1adbp_diffscr	Reactivity Session 1 - Mental Arithmetic DBP - Baseline DBP		s1adbp_diffscr = s1adbp_avg-s1bdbp_avg
s1ahr_diffscr	Reactivity Session 1 - Mental Arithmetic HR - Baseline HR		s1ahr_diffscr = s1ahr_avg-s1bhr_avg
s1amap_diffscr	Reactivity Session 1 - Mental Arithmetic MAP - Baseline MAP		s1amap_diffscr = s1amap_avg-s1bmap_avg
s2asbp_diffscr	Reactivity Session 2 - Mental Arithmetic SBP - Baseline SBP		s2asbp_diffscr = s2asbp_avg-s2bsbp_avg
s2adbp_diffscr	Reactivity Session 2 - Mental Arithmetic DBP - Baseline DBP		s2adbp_diffscr = s2adbp_avg-s2bdbp_avg
s2ahr_diffscr	Reactivity Session 2 - Mental Arithmetic HR - Baseline HR		s2ahr_diffscr = s2ahr_avg-s2bhr_avg
s2amap_diffscr	Reactivity Session 2 - Mental Arithmetic MAP - Baseline MAP		s2amap_diffscr = s2amap_avg-s2bmap_avg
tsbp_diffscr_avg	Average Task SBP Reactivity Difference Score		tsbp_diffscr_avg = mean(s1tsbp_diffscr, s2tsbp_diffscr)
tdbp_diffscr_avg	Average Task DBP Reactivity Difference Score		tdbp_diffscr_avg = mean(s1tdbp_diffscr, s2tdbp_diffscr)
thr_diffscr_avg	Average Task HR Reactivity Difference Score		thr_diffscr_avg = mean(s1thr_diffscr, s2thr_diffscr)
tmap_diffscr_avg	Average Task MAP Reactivity Difference Score		tmap_diffscr_avg = mean(s1tmap_diffscr, s2tmap_diffscr)
psbp_diffscr_avg	Average Prep SBP Reactivity Difference Score		psbp_diffscr_avg = mean(s1psbp_diffscr, s2psbp_diffscr)
pdbp_diffscr_avg	Average Prep DBP Reactivity Difference Score		pdbp_diffscr_avg = mean(s1pdbp_diffscr, s2pdbp_diffscr)
phr_diffscr_avg	Average Prep HR Reactivity Difference Score		phr_diffscr_avg = mean(s1phr_diffscr, s2phr_diffscr)
pmap_diffscr_avg	Average Prep MAP Reactivity Difference Score		pmap_diffscr_avg = mean(s1pmap_diffscr, s2pmap_diffscr)
ssbp_diffscr_avg	Average Speech SBP Reactivity Difference Score		ssbp_diffscr_avg = mean(s1ssbp_diffscr, s2ssbp_diffscr)
sdbp_diffscr_avg	Average Speech DBP Reactivity Difference Score		sdbp_diffscr_avg = mean(s1sdbp_diffscr, s2sdbp_diffscr)
shr_diffscr_avg	Average Speech HR Reactivity Difference Score		shr_diffscr_avg = mean(s1shr_diffscr, s2shr_diffscr)

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
smap_diffscr_avg	Average Speech MAP Reactivity Difference Score		smap_diffscr_avg = mean(s1smap_diffscr, s2smap_diffscr)
spsbp_diffscr_avg	Average Speech + Prep SBP Reactivity Difference Score		spsbp_diffscr_avg = mean(s1spsbp_diffscr, s2spsbp_diffscr)
spdbp_diffscr_avg	Average Speech + Prep DBP Reactivity Difference Score		spdbp_diffscr_avg = mean(s1spdbp_diffscr, s2spdbp_diffscr)
sphr_diffscr_avg	Average Speech + Prep HR Reactivity Difference Score		sphr_diffscr_avg = mean(s1sphr_diffscr, s2sphr_diffscr)
spmap_diffscr_avg	Average Speech + Prep MAP Reactivity Difference Score		spmap_diffscr_avg = mean(s1spmap_diffscr, s2spmap_diffscr)
asbp_diffscr_avg	Average Mental Arithmetic SBP Reactivity Difference Score		asbp_diffscr_avg = mean(s1asbp_diffscr, s2asbp_diffscr)
adbp_diffscr_avg	Average Mental Arithmetic DBP Reactivity Difference Score		adbp_diffscr_avg = mean(s1adbp_diffscr, s2adbp_diffscr)
ahr_diffscr_avg	Average Mental Arithmetic HR Reactivity Difference Score		ahr_diffscr_avg = mean(s1ahr_diffscr, s2ahr_diffscr)
amap_diffscr_avg	Average Mental Arithmetic MAP Reactivity Difference Score		amap_diffscr_avg = mean(s1amap_diffscr, s2amap_diffscr)
residscores	***** REACTIVITY RESIDUAL SCORES*****		
s1tsbp_resid	Reactivity Session 1 - Task SBP Residual		Residualized change scores were computed by regressing each average task measure on the analogous average baseline value.
s1tdbp_resid	Reactivity Session 1 - Task DBP Residual		
s1thr_resid	Reactivity Session 1 - Task HR Residual		
s1tmap_resid	Reactivity Session 1 - Task MAP Residual		
s2tsbp_resid	Reactivity Session 2 - Task SBP Residual		
s2tdbp_resid	Reactivity Session 2 - Task DBP Residual		
s2tmap_resid	Reactivity Session 2 - Task MAP Residual		
s2thr_resid	Reactivity Session 2 - Task HR Residual		
s1ssbp_resid	Reactivity Session 1 - Speech SBP Residual		
s1sdbp_resid	Reactivity Session 1 - Speech DBP Residual		
s1shr_resid	Reactivity Session 1 - Speech HR Residual		
s1smap_resid	Reactivity Session 1 - Speech MAP Residual		
s2ssbp_resid	Reactivity Session 2 - Speech SBP Residual		
s2sdbp_resid	Reactivity Session 2 - Speech DBP Residual		

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2shr_resid	Reactivity Session 2 - Speech HR Residual		
s2smap_resid	Reactivity Session 2 - Speech MAP Residual		
s1spsbp_resid	Reactivity Session 1 - Speech + Prep SBP Residual		
s1spdbp_resid	Reactivity Session 1 - Speech + Prep DBP Residual		
s1sphr_resid	Reactivity Session 1 - Speech + Prep HR Residual		
s1spmap_resid	Reactivity Session 1 - Speech + Prep MAP Residual		
s2spsbp_resid	Reactivity Session 2 - Speech + Prep SBP Residual		
s2spdbp_resid	Reactivity Session 2 - Speech + Prep DBP Residual		
s2sphr_resid	Reactivity Session 2 - Speech + Prep HR Residual		
s2spmap_resid	Reactivity Session 2 - Speech + Prep MAP Residual		
s1asbp_resid	Reactivity Session 1 - Mental Arithmetic SBP Residual		
s1adbp_resid	Reactivity Session 1 - Mental Arithmetic DBP Residual		
s1ahr_resid	Reactivity Session 1 - Mental Arithmetic HR Residual		
s1amap_resid	Reactivity Session 1 - Mental Arithmetic MAP Residual		
s2asbp_resid	Reactivity Session 2 - Mental Arithmetic SBP Residual		
s2adbp_resid	Reactivity Session 2 - Mental Arithmetic DBP Residual		
s2ahr_resid	Reactivity Session 2 - Mental Arithmetic HR Residual		
s2amap_resid	Reactivity Session 2 - Mental Arithmetic MAP Residual		
tsbp_resid_avg	Average SBP React to Task - Resid Change Score (S1 & S2)		tsbp_diffscr_avg = mean(s1tsbp_diffscr, s2tsbp_diffscr)
tdbp_resid_avg	Average DBP React to Task - Resid Change Score (S1 & S2)		tdbp_diffscr_avg = mean(s1tdbp_diffscr, s2tdbp_diffscr)
tmap_resid_avg	Average MAP React to Task - Resid Change Score (S1 & S2)		thr_diffscr_avg = mean(s1thr_diffscr, s2thr_diffscr)
thr_resid_avg	Average HR React to Task - Resid Change Score (S1 & S2)		tmap_diffscr_avg = mean(s1tmap_diffscr, s2tmap_diffscr)
ssbp_resid_avg	Average SBP React to Speech - Resid Change Score (S1 & S2)		ssbp_diffscr_avg = mean(s1ssbp_diffscr, s2ssbp_diffscr)
sdbp_resid_avg	Average DBP React to Speech - Resid Change Score (S1 & S2)		sdbp_diffscr_avg = mean(s1sdbp_diffscr, s2sdbp_diffscr)

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LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
smap_resid_avg	Average MAP React to Speech - Resid Change Score (S1 & S2)		shr_diffscr_avg = mean(s1shr_diffscr, s2shr_diffscr)
shr_resid_avg	Average HR React to Speech - Resid Change Score (S1 & S2)		smap_diffscr_avg = mean(s1smap_diffscr, s2smap_diffscr)
spsbp_resid_avg	Avg SBP React to Speech + Prep - Resid Change Score (S1 & S2)		spsbp_diffscr_avg = mean(s1spsbp_diffscr, s2spsbp_diffscr)
spdbp_resid_avg	Avg DBP React to Speech + Prep - Resid Change Score (S1 & S2)		spdbp_diffscr_avg = mean(s1spdbp_diffscr, s2spdbp_diffscr)
spmap_resid_avg	Avg MAP React to Speech + Prep - Resid Change Score (S1 & S2)		sphr_diffscr_avg = mean(s1sphr_diffscr, s2sphr_diffscr)
sphr_resid_avg	Avg HR React to Speech + Prep - Resid Change Score (S1 & S2)		spmap_diffscr_avg = mean(s1spmap_diffscr, s2spmap_diffscr)
asbp_resid_avg	Avg SBP React to Mental Arithmetic - Resid Change Score (S1 & S2)		asbp_diffscr_avg = mean(s1asbp_diffscr, s2asbp_diffscr)
adbp_resid_avg	Avg DBP React to Mental Arithmetic - Resid Change Score (S1 & S2)		adbp_diffscr_avg = mean(s1adbp_diffscr, s2adbp_diffscr)
amap_resid_avg	Avg MAP React to Mental Arithmetic - Resid Change Score (S1 & S2)		ahr_diffscr_avg = mean(s1ahr_diffscr, s2ahr_diffscr)
ahr_resid_avg	Avg HR React to Mental Arithmetic - Resid Change Score (S1 & S2)		amap_diffscr_avg = mean(s1amap_diffscr, s2amap_diffscr)
cortreact	*****SALIVARY CORTISOL REACTIVITY*****		
s1cort_1	S1 - saliva cortisol - waiting room sample		
s1cort0	S1 - saliva cortisol - baseline sample		
s1cort1	S1 - saliva cortisol - sample 1 (post-task)		
s1cort2	S1 - saliva cortisol - sample 2 (recovery)		
s1cort3	S1 - saliva cortisol - sample 3 (recovery)		
s1cort4	S1 - saliva cortisol - sample 4 (recovery)		
s1cort5	S1 - saliva cortisol - sample 5 (recovery)		
s1cort6	S1 - saliva cortisol - sample 6 (recovery)		
s2cort_1	S2 - saliva cortisol - waiting room sample		
s2cort0	S2 - saliva cortisol - baseline sample		
s2cort1	S2 - saliva cortisol - sample 1 (post-task)		
s2cort2	S2 - saliva cortisol - sample 2 (recovery)		
s2cort3	S2 - saliva cortisol - sample 3 (recovery)		
s2cort4	S2 - saliva cortisol - sample 4 (recovery)		
s2cort5	S2 - saliva cortisol - sample 5 (recovery)		

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s2cort6	S2 - saliva cortisol - sample 6 (recovery)		
s1time_1	S1 - saliva cortisol - time of waiting room sample collection		
s1time0	S1 - saliva cortisol - baseline sample collection time		
s1time1	S1 - saliva cortisol - sample 1 collection time		
s1time2	S1 - saliva cortisol - sample 2 collection time		
s1time3	S1 - saliva cortisol - sample 3 collection time		
s1time4	S1 - saliva cortisol - sample 4 collection time		
s1time5	S1 - saliva cortisol - sample 5 collection time		
s1time6	S1 - saliva cortisol - sample 6 collection time		
s2time_1	S2 - saliva cortisol - time of waiting room sample collection		
s2time0	S2 - saliva cortisol - baseline sample collection time		
s2time1	S2 - saliva cortisol - sample 1 collection time		
s2time2	S2 - saliva cortisol - sample 2 collection time		
s2time3	S2 - saliva cortisol - sample 3 collection time		
s2time4	S2 - saliva cortisol - sample 4 collection time		
s2time5	S2 - saliva cortisol - sample 5 collection time		
s2time6	S2 - saliva cortisol - sample 6 collection time		
s1diff12	S1 - time between samples 1 and 2 (minutes)		s1diff12 = datediff(s1time2,s1time1,"minutes").
s1diff23	S1 - time between samples 2 and 3 (minutes)		s1diff23 = datediff(s1time3,s1time2,"minutes").
s1diff34	S1 - time between samples 3 and 4 (minutes)		s1diff34 = datediff(s1time4,s1time3,"minutes").
s1diff45	S1 - time between samples 4 and 5 (minutes)		s1diff45 = datediff(s1time5,s1time4,"minutes").
s1diff56	S1 - time between samples 5 and 6 (minutes)		s1diff56 = datediff(s1time6,s1time5,"minutes").
s1diff13	S1 - time between samples 1 and 3 (minutes)		s1diff13 = datediff(s1time3,s1time1,"minutes").
s1diff14	S1 - time between samples 1 and 4 (minutes)		s1diff14 = datediff(s1time4,s1time1,"minutes").
s1diff24	S1 - time between samples 2 and 4 (minutes)		s1diff24 = datediff(s1time4,s1time2,"minutes").
s1diff25	S1 - time between samples 2 and 5 (minutes)		s1diff25 = datediff(s1time5,s1time2,"minutes").
s1diff35	S1 - time between samples 3 and 5 (minutes)		s1diff35 = datediff(s1time5,s1time3,"minutes").

LABORATORY STRESS REACTIVITY

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
s1diff36	S1 - time between samples 3 and 6 (minutes)		s1diff36 = datediff(s1time6,s1time3,"minutes").
s1diff46	S1 - time between samples 4 and 6 (minutes)		s1diff46 = datediff(s1time6,s1time4,"minutes").
s2diff12	S2 - time between samples 1 and 2 (minutes)		s2diff12 = datediff(s2time2,s2time1,"minutes").
s2diff23	S2 - time between samples 2 and 3 (minutes)		s2diff23 = datediff(s2time3,s2time2,"minutes").
s2diff34	S2 - time between samples 3 and 4 (minutes)		s2diff34 = datediff(s2time4,s2time3,"minutes").
s2diff45	S2 - time between samples 4 and 5 (minutes)		s2diff45 = datediff(s2time5,s2time4,"minutes").
s2diff56	S2 - time between samples 5 and 6 (minutes)		s2diff56 = datediff(s2time6,s2time5,"minutes").
s2diff13	S2 - time between samples 1 and 3 (minutes)		s2diff13 = datediff(s2time3,s2time1,"minutes").
s2diff14	S2 - time between samples 1 and 4 (minutes)		s2diff14 = datediff(s2time4,s2time1,"minutes").
s2diff24	S2 - time between samples 2 and 4 (minutes)		s2diff24 = datediff(s2time4,s2time2,"minutes").
s2diff25	S2 - time between samples 2 and 5 (minutes)		s2diff25 = datediff(s2time5,s2time2,"minutes").
s2diff35	S2 - time between samples 3 and 5 (minutes)		s2diff35 = datediff(s2time5,s2time3,"minutes").
s2diff36	S2 - time between samples 3 and 6 (minutes)		s2diff36 = datediff(s2time6,s2time3,"minutes").
s2diff46	S2 - time between samples 4 and 6 (minutes)		s2diff46 = datediff(s2time6,s2time4,"minutes").
s1cort_auc	Reactivity Session 1 - Cortisol AUC		Cortisol area under the curve (AUC) was computed using the trapezoid rule, as per Pruessner et al (2003).
s2cort_auc	Reactivity Session 2 - Cortisol AUC		AUC values were computed for all participants who met specific missing value criteria for each (see AUC calculation page).
cort_auc_avg	Average Cortisol Reactivity AUC (S1 & S2)		cort_auc_avg = mean(s1cort_auc, s2cort_auc)
s1precort_avg	S1 - average pre-task cortisol (waiting room & baseline)		s1precort_avg = mean(s1cort_1, s1cort0)
s2precort_avg	S2 - average pre-task cortisol (waiting room & baseline)		s2precort_avg = mean(s2cort_1, s2cort0)
precort_avg	Average Pre-Task Cortisol (S1 & S2)		precort_avg = mean(s1.precort_avg, s2.precort_avg)

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
hrv	*****HRV REACTIVITY DATA******		
hrv1frq	*****SESSION 1 FREQUENCY DOMAIN VARIABLES*****		
s1b1vlfpow	S1 baseline epoch 1: VLF power		
s1b1vlfppf	S1 baseline epoch 1: VLF peak power frequency		
s1b1lfpow	S1 baseline epoch 1: LF power		
s1b1lfppf	S1 baseline epoch 1: LF peak power frequency		
s1b1hfpow	S1 baseline epoch 1: HF power		
s1b1hfppf	S1 baseline epoch 1: HF peak power frequency		
s1b1ratio	S1 baseline epoch 1: LF/HF ratio		
s1b1mhr	S1 baseline epoch 1: mean HR		
s1b1rsa	S1 baseline epoch 1: RSA		
s1b1mibi	S1 baseline epoch 1: mean IBI		
s1b1rsprate	S1 baseline epoch 1: respiratory rate		
s1b2vlfpow	S1 baseline epoch 2: VLF power		
s1b2vlfppf	S1 baseline epoch 2: VLF peak power frequency		
s1b2lfpow	S1 baseline epoch 2: LF power		
s1b2lfppf	S1 baseline epoch 2: LF peak power frequency		
s1b2hfpow	S1 baseline epoch 2: HF power		
s1b2hfppf	S1 baseline epoch 2: HF peak power frequency		
s1b2ratio	S1 baseline epoch 2: LF/HF ratio		
s1b2mhr	S1 baseline epoch 2: mean HR		
s1b2rsa	S1 baseline epoch 2: RSA		
s1b2mibi	S1 baseline epoch 2: mean IBI		
s1b2rsprate	S1 baseline epoch 2: respiratory rate		
s1b3vlfpow	S1 baseline epoch 3: VLF power		
s1b3vlfppf	S1 baseline epoch 3: VLF peak power frequency		
s1b3lfpow	S1 baseline epoch 3: LF power		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1b3lfppf	S1 baseline epoch 3: LF peak power frequency		
s1b3hfpow	S1 baseline epoch 3: HF power		
s1b3hfppf	S1 baseline epoch 3: HF peak power frequency		
s1b3ratio	S1 baseline epoch 3: LF/HF ratio		
s1b3mhr	S1 baseline epoch 3: mean HR		
s1b3rsa	S1 baseline epoch 3: RSA		
s1b3mibi	S1 baseline epoch 3: mean IBI		
s1b3rsprate	S1 baseline epoch 3: respiratory rate		
s1b4vlfpow	S1 baseline epoch 4: VLF power		
s1b4vlfppf	S1 baseline epoch 4: VLF peak power frequency		
s1b4lfpow	S1 baseline epoch 4: LF power		
s1b4lfppf	S1 baseline epoch 4: LF peak power frequency		
s1b4hfpow	S1 baseline epoch 4: HF power		
s1b4hfppf	S1 baseline epoch 4: HF peak power frequency		
s1b4ratio	S1 baseline epoch 4: LF/HF ratio		
s1b4mhr	S1 baseline epoch 4: mean HR		
s1b4rsa	S1 baseline epoch 4: RSA		
s1b4mibi	S1 baseline epoch 4: mean IBI		
s1b4rsprate	S1 baseline epoch 4: respiratory rate		
s1bvlfpow_avg	S1 baseline: average VLF power		s1bvlfpow_avg = mean(s1b1vlfpow,s1b2vlfpow,s1b3vlfpow,s1b4vlfpow)
s1blfpow_avg	S1 baseline: average LF power		s1blfpow_avg = mean(s1b1lfpow, s1b2lfpow, s1b3lfpow, s1b4lfpow)
s1bhfpow_avg	S1 baseline: average HF power		s1bhfpow_avg = mean(s1b1hfpow,s1b2hfpow,s1b3hfpow,s1b4hfpow)
s1bratio_avg	S1 baseline: average LF/HF ratio		s1bratio_avg = mean(s1b1ratio, s1b2ratio, s1b3ratio, s1b4ratio)
s1brsprate_avg	S1 baseline: average respiratory rate		s1rsprate_avg=mean(s1b1rsprate,s1b2rsprate,s1b3rsprate,s1b4rsprate)
s1bmhr_avg	S1 baseline: average mean HR		s1bmhr_avg = mean(s1b1mhr, s1b2mhr, s1b3mhr, s1b4mhr)
s1brsa_avg	S1 baseline: average RSA		s1brsa_avg = mean(s1b1rsa, s1b2rsa, s1b3rsa, s1b4rsa)
s1bmibi_avg	S1 baseline: average mean IBI		s1bmibi_avg = mean(s1b1mibi, s1b2mibi, s1b3mibi, s1b4mibi)

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lns1blfpow_avg	S1 baseline: average LF power (ln-transform)		lns1blfpow_avg = ln(s1blfpow_avg)
lns1bhfpow_avg	S1 baseline: average HF power (ln-transform)		lns1bhfpow_avg = ln(s1bhfpow_avg)
lns1bratio_avg	S1 baseline: average LF/HF ratio (ln-transform)		lns1bratio_avg = ln(s1bratio_avg)
lns1brsprate_avg	S1 baseline: average respiratory rate (ln-transform)		lns1brsprate_avg = ln(s1brsprate_avg)
lns1bmhr_avg	S1 baseline: average mean HR (ln-transform)		lns1bmhr_avg = ln(s1bmhr_avg)
lns1bmibi_avg	S1 baseline: average mean IBI (ln-transform)		lns1bmibi_avg = ln(s1bmibi_avg)
s1tp1vlfpow	S1 speech prep epoch 1: VLF power		
s1tp1vlfppf	S1 speech prep epoch 1: VLF peak power frequency		
s1tp1lfpow	S1 speech prep epoch 1: LF power		
s1tp1lfppf	S1 speech prep epoch 1: LF peak power frequency		
s1tp1hfpow	S1 speech prep epoch 1: HF power		
s1tp1hfppf	S1 speech prep epoch 1: HF peak power frequency		
s1tp1ratio	S1 speech prep epoch 1: LF/HF ratio		
s1tp1mhr	S1 speech prep epoch 1: mean HR		
s1tp1rsa	S1 speech prep epoch 1: RSA		
s1tp1mibi	S1 speech prep epoch 1: mean IBI		
s1tp1rsprate	S1 speech prep epoch 1: respiratory rate		
s1ts1vlfpow	S1 speech epoch 1: VLF power		
s1ts1vlfppf	S1 speech epoch 1: VLF peak power frequency		
s1ts1lfpow	S1 speech epoch 1: LF power		
s1ts1lfppf	S1 speech epoch 1: LF peak power frequency		
s1ts1hfpow	S1 speech epoch 1: HF power		
s1ts1hfppf	S1 speech epoch 1: HF peak power frequency		
s1ts1ratio	S1 speech epoch 1: LF/HF ratio		
s1ts1mhr	S1 speech epoch 1: mean HR		
s1ts1rsa	S1 speech epoch 1: RSA		
s1ts1mibi	S1 speech epoch 1: mean IBI		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1ts1rsprate	S1 speech epoch 1: respiratory rate		
s1tm1vlfpow	S1 mental arithmetic epoch 1: VLF power		
s1tm1vlfppf	S1 mental arithmetic epoch 1: VLF peak power frequency		
s1tm1lfpow	S1 mental arithmetic epoch 1: LF power		
s1tm1lfppf	S1 mental arithmetic epoch 1: LF peak power frequency		
s1tm1hfpow	S1 mental arithmetic epoch 1: HF power		
s1tm1hfppf	S1 mental arithmetic epoch 1: HF peak power frequency		
s1tm1ratio	S1 mental arithmetic epoch 1: LF/HF ratio		
s1tm1mhr	S1 mental arithmetic epoch 1: mean HR		
s1tm1rsa	S1 mental arithmetic epoch 1: RSA		
s1tm1mibi	S1 mental arithmetic epoch 1: mean IBI		
s1tm1rsprate	S1 mental arithmetic epoch 1: respiratory rate		
s1r1vlfpow	S1 recovery epoch 1: VLF power		
s1r1vlfppf	S1 recovery epoch 1: VLF peak power frequency		
s1r1lfpow	S1 recovery epoch 1: LF power		
s1r1lfppf	S1 recovery epoch 1: LF peak power frequency		
s1r1hfpow	S1 recovery epoch 1: HF power		
s1r1hfppf	S1 recovery epoch 1: HF peak power frequency		
s1r1ratio	S1 recovery epoch 1: LF/HF ratio		
s1r1mhr	S1 recovery epoch 1: mean HR		
s1r1rsa	S1 recovery epoch 1: RSA		
s1r1mibi	S1 recovery epoch 1: mean IBI		
s1r1rsprate	S1 recovery epoch 1: respiratory rate		
s1r2vlfpow	S1 recovery epoch 2: VLF power		
s1r2vlfppf	S1 recovery epoch 2: VLF peak power frequency		
s1r2lfpow	S1 recovery epoch 2: LF power		
s1r2lfppf	S1 recovery epoch 2: LF peak power frequency		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1r2hfpow	S1 recovery epoch 2: HF power		
s1r2hfppf	S1 recovery epoch 2: HF peak power frequency		
s1r2ratio	S1 recovery epoch 2: LF/HF ratio		
s1r2mhr	S1 recovery epoch 2: mean HR		
s1r2rsa	S1 recovery epoch 2: RSA		
s1r2mibi	S1 recovery epoch 2: mean IBI		
s1r2rsprate	S1 recovery epoch 2: respiratory rate		
s1r3vlfpow	S1 recovery epoch 3: VLF power		
s1r3vlfppf	S1 recovery epoch 3: VLF peak power frequency		
s1r3lfpow	S1 recovery epoch 3: LF power		
s1r3lfppf	S1 recovery epoch 3: LF peak power frequency		
s1r3hfpow	S1 recovery epoch 3: HF power		
s1r3hfppf	S1 recovery epoch 3: HF peak power frequency		
s1r3ratio	S1 recovery epoch 3: LF/HF ratio		
s1r3mhr	S1 recovery epoch 3: mean HR		
s1r3rsa	S1 recovery epoch 3: RSA		
s1r3mibi	S1 recovery epoch 3: mean IBI		
s1r3rsprate	S1 recovery epoch 3: respiratory rate		
s1rvlfpow_avg	S1 recovery: average VLF power		s1rvlfpow_avg = mean(s1r1vlfpow, s1r2vlfpow, s1r3vlfpow)
s1rlfpow_avg	S1 recovery: average LF power		s1rlfpow_avg = mean(s1r1lfpow, s1r2lfpow, s1r3lfpow)
s1rhfpow_avg	S1 recovery: average HF power		s1rhfpow_avg = mean(s1r1hfpow, s1r2hfpow, s1r3hfpow)
s1rrsa_avg	S1 recovery: average LF/HF ratio		s1rratio_avg = mean(s1r1ratio, s1r2ratio, s1r3ratio)
s1rrsprate_avg	S1 recovery: average respiratory rate		s1rsprate_avg = mean(s1r1rsprate, s1r2rsprate, s1r3rsprate)
s1rmhr_avg	S1 recovery: average mean HR		s1rmhr_avg = mean(s1r1mhr, s1r2mhr, s1r3mhr)
s1rmibi_avg	S1 recovery: average RSA (ln HF power)		s1rrsa_avg = mean(s1r1rsa, s1r2rsa, s1r3rsa)
s1rratio_avg	S1 recovery: average mean IBI		s1rmibi_avg = mean(s1r1mibi, s1r2mibi, s1r3mibi)
lns1rlfpow_avg	S1 recovery: average LF power (ln-transform)		lns1rlfpow_avg = ln(s1rlfpow_avg)

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lns1rhfpow_avg	S1 recovery: average HF power (ln-transform)		lns1rhfpow_avg = ln(s1rhfpow_avg)
lns1rratio_avg	S1 recovery: average LF/HF ratio (ln-transform)		lns1rratio_avg = ln(s1rratio_avg)
lns1rrsprate_avg	S1 recovery: average respiratory rate (ln-transform)		lns1rrsprate_avg = ln(s1rrsprate_avg)
lns1rmhr_avg	S1 recovery: average mean HR (ln-transform)		lns1rmhr_avg = ln(s1rmhr_avg)
lns1rmibi_avg	S1 recovery: average mean IBI (ln-transform)		lns1rmibi_avg = ln(s1rmibi_avg)
hrv1time	*****SESSION 1 TIME DOMAIN VARIABLES*****		
s1b1nn	S1 baseline epoch 1: total IBI count		
s1b2nn	S1 baseline epoch 2: total IBI count		
s1b3nn	S1 baseline epoch 3: total IBI count		
s1b4nn	S1 baseline epoch 4: total IBI count		
s1b1sdnn	S1 baseline epoch 1: standard deviation of IBIs		
s1b2sdnn	S1 baseline epoch 2: standard deviation of IBIs		
s1b3sdnn	S1 baseline epoch 3: standard deviation of IBIs		
s1b4sdnn	S1 baseline epoch 4: standard deviation of IBIs		
s1b1nn50	S1 baseline epoch 1: total IBIs >50 ms		
s1b2nn50	S1 baseline epoch 2: total IBIs >50 ms		
s1b3nn50	S1 baseline epoch 3: total IBIs >50 ms		
s1b4nn50	S1 baseline epoch 4: total IBIs >50 ms		
s1b1pnn50	S1 baseline epoch 1: percent IBIs >50 ms		
s1b2pnn50	S1 baseline epoch 2: percent IBIs >50 ms		
s1b3pnn50	S1 baseline epoch 3: percent IBIs >50 ms		
s1b4pnn50	S1 baseline epoch 4: percent IBIs >50 ms		
s1b1rmssd	S1 baseline epoch 1: IBI root mean square successive differences		
s1b2rmssd	S1 baseline epoch 2: IBI root mean square successive differences		
s1b3rmssd	S1 baseline epoch 3: IBI root mean square successive differences		
s1b4rmssd	S1 baseline epoch 4: IBI root mean square successive differences		
s1bsdnn_avg	S1 baseline: average standard deviation of IBIs		s1bsdnn_avg = mean(s1b1sdnn, s1b2sdnn, s1b3sdnn, s1b4sdnn)

Return to ToC

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1brmssd_avg	S1 baseline: average IBI root mean square successive differences		s1brmssd_avg = mean(s1b1rmssd, s1b2rmssd, s1b3rmssd, s1b4rmssd)
s1bnn50_avg	S1 baseline: average total IBIs >50 ms		s1bnn50_avg = mean(s1b1nn50, s1b2nn50, s1b3nn50, s1b4nn50)
s1bpnn50_avg	S1 baseline: average percent IBIs >50 ms		s1bpnn50_avg = mean(s1b1pnn50, s1b2pnn50, s1b3pnn50, s1b4pnn50)
lns1bsdnn_avg	S1 baseline: average standard deviation of IBIs (ln-transform)		lns1bsdnn_avg = ln(s1bsdnn_avg)
lns1brmssd_avg	S1 baseline: average IBI RMSSD (ln-transform)		lns1brmssd_avg = ln(s1brmssd_avg)
lns1bnn50_avg	S1 baseline: average total IBIs >50 ms (ln-transform)		lns1bnn50_avg = ln(s1bnn50_avg)
lns1bpnn50_avg	S1 baseline: average percent IBIs >50 ms (ln-transform)		lns1bpnn50_avg = ln(s1bpnn50_avg)
s1p1nn	S1 speech prep: total IBI count		
s1p1sdnn	S1 speech prep: standard deviation of IBIs		
s1p1nn50	S1 speech prep: total IBIs >50 ms		
s1p1pnn50	S1 speech prep: percent IBIs >50 ms		
s1p1rmssd	S1 speech prep: IBI root mean square of successive differences		
s1s1nn	S1 speech: total IBI count		
s1s1sdnn	S1 speech: standard deviation of IBIs		
s1s1nn50	S1 speech: total IBIs >50 ms		
s1s1pnn50	S1 speech: percent IBIs >50 ms		
s1s1rmssd	S1 speech: IBI root mean square of successive differences		
s1m1nn	S1 mental arithmetic: total IBI count		
s1m1sdnn	S1 mental arithmetic: standard deviation of IBIs		
s1m1nn50	S1 mental arithmetic: total IBIs >50 ms		
s1m1pnn50	S1 mental arithmetic: percent IBIs >50 ms		
s1m1rmssd	S1 mental arithmetic: IBI root mean square successive diff		
s1r1nn	S1 recovery epoch 1: total IBI count		
s1r2nn	S1 recovery epoch 2: total IBI count		
s1r3nn	S1 recovery epoch 3: total IBI count		
s1r1sdnn	S1 recovery epoch 1: standard deviation of IBIs		
s1r2sdnn	S1 recovery epoch 2: standard deviation of IBIs		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1r3sdnn	S1 recovery epoch 3: standard deviation of IBIs		
s1r1nn50	S1 recovery epoch 1: total IBIs >50 ms		
s1r2nn50	S1 recovery epoch 2: total IBIs >50 ms		
s1r3nn50	S1 recovery epoch 3: total IBIs >50 ms		
s1r1pnn50	S1 recovery epoch 1: percent IBIs >50 ms		
s1r2pnn50	S1 recovery epoch 2: percent IBIs >50 ms		
s1r3pnn50	S1 recovery epoch 3: percent IBIs >50 ms		
s1r1rmssd	S1 recovery epoch 1: IBI root mean square successive differences		
s1r2rmssd	S1 recovery epoch 2: IBI root mean square successive differences		
s1r3rmssd	S1 recovery epoch 3: IBI root mean square successive differences		
s1rsdnn_avg	S1 recovery: average standard deviation of IBIs		s1bsdnn_avg = mean(s1b1sdnn, s1b2sdnn, s1b3sdnn, s1b4sdnn)
s1rrmssd_avg	S1 recovery: average IBI root mean square successive differences		s1brmssd_avg = mean(s1b1rmssd, s1b2rmssd, s1b3rmssd, s1b4rmssd)
s1rnn50_avg	S1 recovery: average total IBIs >50 ms		s1bnn50_avg = mean(s1b1nn50, s1b2nn50, s1b3nn50, s1b4nn50)
s1rpnn50_avg	S1 recovery: average percent IBIs >50 ms		s1bpnn50_avg = mean(s1b1pnn50, s1b2pnn50, s1b3pnn50, s1b4pnn50)
lns1rsdnn_avg	S1 recovery: average standard deviation of IBIs (ln-transform)		lns1bsdnn_avg = ln(s1bsdnn_avg)
lns1rrmssd_avg	S1 recovery: average IBI RMSSD (ln-transform)		lns1brmssd_avg = ln(s1brmssd_avg)
lns1rnn50_avg	S1 recovery: average total IBIs >50 ms (ln-transform)		lns1bnn50_avg = ln(s1bnn50_avg)
lns1rpnn50_avg	S1 recovery: average percent IBIs >50 ms (ln-transform)		lns1bpnn50_avg = ln(s1bpnn50_avg)
hrv2frq	*****SESSION 2 FREQUENCY DOMAIN VARIABLES*****		
s2b1vlfpow	S2 baseline epoch 1: VLF power		
s2b1vlfppf	S2 baseline epoch 1: VLF peak power frequency		
s2b1lfpow	S2 baseline epoch 1: LF power		
s2b1lfppf	S2 baseline epoch 1: LF peak power frequency		
s2b1hfpow	S2 baseline epoch 1: HF power		
s2b1hfppf	S2 baseline epoch 1: HF peak power frequency		
s2b1ratio	S2 baseline epoch 1: LF/HF ratio		
s2b1mhr	S2 baseline epoch 1: mean HR		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2b1rsa	S2 baseline epoch 1: RSA		
s2b1mibi	S2 baseline epoch 1: mean IBI		
s2b1rsprate	S2 baseline epoch 1: respiratory rate		
s2b2vlfpow	S2 baseline epoch 2: VLF power		
s2b2vlfppf	S2 baseline epoch 2: VLF peak power frequency		
s2b2lfpow	S2 baseline epoch 2: LF power		
s2b2lfppf	S2 baseline epoch 2: LF peak power frequency		
s2b2hfpow	S2 baseline epoch 2: HF power		
s2b2hfppf	S2 baseline epoch 2: HF peak power frequency		
s2b2ratio	S2 baseline epoch 2: LF/HF ratio		
s2b2mhr	S2 baseline epoch 2: mean HR		
s2b2rsa	S2 baseline epoch 2: RSA		
s2b2mibi	S2 baseline epoch 2: mean IBI		
s2b2rsprate	S2 baseline epoch 2: respiratory rate		
s2b3vlfpow	S2 baseline epoch 3: VLF power		
s2b3vlfppf	S2 baseline epoch 3: VLF peak power frequency		
s2b3lfpow	S2 baseline epoch 3: LF power		
s2b3lfppf	S2 baseline epoch 3: LF peak power frequency		
s2b3hfpow	S2 baseline epoch 3: HF power		
s2b3hfppf	S2 baseline epoch 3: HF peak power frequency		
s2b3ratio	S2 baseline epoch 3: LF/HF ratio		
s2b3mhr	S2 baseline epoch 3: mean HR		
s2b3rsa	S2 baseline epoch 3: RSA		
s2b3mibi	S2 baseline epoch 3: mean IBI		
s2b3rsprate	S2 baseline epoch 3: respiratory rate		
s2b4vlfpow	S2 baseline epoch 4: VLF power		
s2b4vlfppf	S2 baseline epoch 4: VLF peak power frequency		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2b4lfpow	S2 baseline epoch 4: LF power		
s2b4lfppf	S2 baseline epoch 4: LF peak power frequency		
s2b4hfpow	S2 baseline epoch 4: HF power		
s2b4hfppf	S2 baseline epoch 4: HF peak power frequency		
s2b4ratio	S2 baseline epoch 4: LF/HF ratio		
s2b4mhr	S2 baseline epoch 4: mean HR		
s2b4rsa	S2 baseline epoch 4: RSA		
s2b4mibi	S2 baseline epoch 4: mean IBI		
s2b4rsprate	S2 baseline epoch 4: respiratory rate		
s2bvlfpow_avg	S2 baseline: average VLF power		s2bvlfpow_avg = mean(s2b1vlfpow,s2b2vlfpow,s2b3vlfpow,s2b4vlfpow)
s2blfpow_avg	S2 baseline: average LF power		s2blfpow_avg = mean(s2b1lfpow, s2b2lfpow, s2b3lfpow, s2b4lfpow)
s2bhfpow_avg	S2 baseline: average HF power		s2bhfpow_avg = mean(s2b1hfpow,s2b2hfpow,s2b3hfpow,s2b4hfpow)
s2bratio_avg	S2 baseline: average LF/HF ratio		s2bratio_avg = mean(s2b1ratio, s2b2ratio, s2b3ratio, s2b4ratio)
s2brsprate_avg	S2 baseline: average respiratory rate		s1rsprate_avg=mean(s2b1rsprate,s2b2rsprate,s2b3rsprate,s2b4rsprate)
s2bmhr_avg	S2 baseline: average mean HR		s2bmhr_avg = mean(s2b1mhr, s2b2mhr, s2b3mhr, s2b4mhr)
s2brsa_avg	S2 baseline: average RSA		s2brsa_avg = mean(s2b1rsa, s2b2rsa, s2b3rsa, s2b4rsa)
s2bmibi_avg	S2 baseline: average mean IBI		s2bmibi_avg = mean(s2b1mibi, s2b2mibi, s2b3mibi, s2b4mibi)
lns2blfpow_avg	S2 baseline: average LF power (ln-transform)		lns2blfpow_avg = ln(s2blfpow_avg)
lns2bhfpow_avg	S2 baseline: average HF power (ln-transform)		lns2bhfpow_avg = ln(s2bhfpow_avg)
lns2bratio_avg	S2 baseline: average LF/HF ratio (ln-transform)		lns2bratio_avg = ln(s2bratio_avg)
lns2brsprate_avg	S2 baseline: average respiratory rate (ln-transform)		lns2brsprate_avg = ln(s2brsprate_avg)
lns2bmhr_avg	S2 baseline: average mean HR (ln-transform)		lns2bmhr_avg = ln(s2bmhr_avg)
lns2bmibi_avg	S2 baseline: average mean IBI (ln-transform)		lns2bmibi_avg = ln(s2bmibi_avg)
s2tp1vlfpow	S2 speech prep epoch 1: VLF power		
s2tp1vlfppf	S2 speech prep epoch 1: VLF peak power frequency		
s2tp1lfpow	S2 speech prep epoch 1: LF power		
s2tp1lfppf	S2 speech prep epoch 1: LF peak power frequency		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2tp1hfpow	S2 speech prep epoch 1: HF power		
s2tp1hfppf	S2 speech prep epoch 1: HF peak power frequency		
s2tp1ratio	S2 speech prep epoch 1: LF/HF ratio		
s2tp1mhr	S2 speech prep epoch 1: mean HR		
s2tp1rsa	S2 speech prep epoch 1: RSA		
s2tp1mibi	S2 speech prep epoch 1: mean IBI		
s2tp1rsprate	S2 speech prep epoch 1: respiratory rate		
s2ts1vlfpow	S2 speech epoch 1: VLF power		
s2ts1vlfppf	S2 speech epoch 1: VLF peak power frequency		
s2ts1lfpow	S2 speech epoch 1: LF power		
s2ts1lfppf	S2 speech epoch 1: LF peak power frequency		
s2ts1hfpow	S2 speech epoch 1: HF power		
s2ts1hfppf	S2 speech epoch 1: HF peak power frequency		
s2ts1ratio	S2 speech epoch 1: LF/HF ratio		
s2ts1mhr	S2 speech epoch 1: mean HR		
s2ts1rsa	S2 speech epoch 1: RSA		
s2ts1mibi	S2 speech epoch 1: mean IBI		
s2ts1rsprate	S2 speech epoch 1: respiratory rate		
s2tm1vlfpow	S2 mental arithmetic epoch 1: VLF power		
s2tm1vlfppf	S2 mental arithmetic epoch 1: VLF peak power frequency		
s2tm1lfpow	S2 mental arithmetic epoch 1: LF power		
s2tm1lfppf	S2 mental arithmetic epoch 1: LF peak power frequency		
s2tm1hfpow	S2 mental arithmetic epoch 1: HF power		
s2tm1hfppf	S2 mental arithmetic epoch 1: HF peak power frequency		
s2tm1ratio	S2 mental arithmetic epoch 1: LF/HF ratio		
s2tm1mhr	S2 mental arithmetic epoch 1: mean HR		
s2tm1rsa	S2 mental arithmetic epoch 1: RSA		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2tm1mibi	S2 mental arithmetic epoch 1: mean IBI		
s2tm1rsprate	S2 mental arithmetic epoch 1: respiratory rate		
s2r1vlfpow	S2 recovery epoch 1: VLF power		
s2r1vlfppf	S2 recovery epoch 1: VLF peak power frequency		
s2r1lfpow	S2 recovery epoch 1: LF power		
s2r1lfppf	S2 recovery epoch 1: LF peak power frequency		
s2r1hfpow	S2 recovery epoch 1: HF power		
s2r1hfppf	S2 recovery epoch 1: HF peak power frequency		
s2r1ratio	S2 recovery epoch 1: LF/HF ratio		
s2r1mhr	S2 recovery epoch 1: mean HR		
s2r1rsa	S2 recovery epoch 1: RSA		
s2r1mibi	S2 recovery epoch 1: mean IBI		
s2r1rsprate	S2 recovery epoch 1: respiratory rate		
s2r2vlfpow	S2 recovery epoch 2: VLF power		
s2r2vlfppf	S2 recovery epoch 2: VLF peak power frequency		
s2r2lfpow	S2 recovery epoch 2: LF power		
s2r2lfppf	S2 recovery epoch 2: LF peak power frequency		
s2r2hfpow	S2 recovery epoch 2: HF power		
s2r2hfppf	S2 recovery epoch 2: HF peak power frequency		
s2r2ratio	S2 recovery epoch 2: LF/HF ratio		
s2r2mhr	S2 recovery epoch 2: mean HR		
s2r2rsa	S2 recovery epoch 2: RSA		
s2r2mibi	S2 recovery epoch 2: mean IBI		
s2r2rsprate	S2 recovery epoch 2: respiratory rate		
s2r3vlfpow	S2 recovery epoch 3: VLF power		
s2r3vlfppf	S2 recovery epoch 3: VLF peak power frequency		
s2r3lfpow	S2 recovery epoch 3: LF power		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2r3lfppf	S2 recovery epoch 3: LF peak power frequency		
s2r3hfpow	S2 recovery epoch 3: HF power		
s2r3hfppf	S2 recovery epoch 3: HF peak power frequency		
s2r3ratio	S2 recovery epoch 3: LF/HF ratio		
s2r3mhr	S2 recovery epoch 3: mean HR		
s2r3rsa	S2 recovery epoch 3: RSA		
s2r3mibi	S2 recovery epoch 3: mean IBI		
s2r3rsprate	S2 recovery epoch 3: respiratory rate		
s2rvlfpow_avg	S2 recovery: average VLF power		s2rvlfpow_avg = mean(s2r1vlfpow,s2r2vlfpow,s2r3vlfpow)
s2rlfpow_avg	S2 recovery: average LF power		s2rlfpow_avg = mean(s2r1lfpow, s2r2lfpow, s2r3lfpow)
s2rhfpow_avg	S2 recovery: average HF power		s2rhfpow_avg = mean(s2r1hfpow,s2r2hfpow,s2r3hfpow)
s2rratio_avg	S2 recovery: average LF/HF ratio		s2rratio_avg = mean(s2r1ratio, s2r2ratio, s2r3ratio)
s2rrsprate_avg	S2 recovery: average respiratory rate		s1rsprate_avg = mean(s2r1rsprate, s2r2rsprate, s2r3rsprate)
s2rmhr_avg	S2 recovery: average mean HR		s2rmhr_avg = mean(s2r1mhr, s2r2mhr, s2r3mhr)
s2rmrsa_avg	S2 recovery: average RSA (ln HF power)		s2rrsa_avg = mean(s2r1rsa, s2r2rsa, s2r3rsa)
s2rmibi_avg	S2 recovery: average mean IBI		s2rmibi_avg = mean(s2r1mibi, s2r2mibi, s2r3mibi)
lns2rlfpow_avg	S2 recovery: average LF power (ln-transform)		lns2rlfpow_avg = ln(s2rlfpow_avg)
lns2rhfpow_avg	S2 recovery: average HF power (ln-transform)		lns2rhfpow_avg = ln(s2rhfpow_avg)
lns2rratio_avg	S2 recovery: average LF/HF ratio (ln-transform)		lns2rratio_avg = ln(s2rratio_avg)
lns2rrsprate_avg	S2 recovery: average respiratory rate (ln-transform)		lns2rrsprate_avg = ln(s2rrsprate_avg)
lns2rmhr_avg	S2 recovery: average mean HR (ln-transform)		lns2rmhr_avg = ln(s2rmhr_avg)
lns2rmibi_avg	S2 recovery: average mean IBI (ln-transform)		lns2rmibi_avg = ln(s2rmibi_avg)
hrv2time	*****SESSION 2 TIME DOMAIN VARIABLES*****		
s2b1nn	S2 baseline epoch 1: total IBI count		
s2b2nn	S2 baseline epoch 2: total IBI count		
s2b3nn	S2 baseline epoch 3: total IBI count		
s2b4nn	S2 baseline epoch 4: total IBI count		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2b1sdnn	S2 baseline epoch 1: standard deviation of IBIs		
s2b2sdnn	S2 baseline epoch 2: standard deviation of IBIs		
s2b3sdnn	S2 baseline epoch 3: standard deviation of IBIs		
s2b4sdnn	S2 baseline epoch 4: standard deviation of IBIs		
s2b1nn50	S2 baseline epoch 1: total IBIs >50 ms		
s2b2nn50	S2 baseline epoch 2: total IBIs >50 ms		
s2b3nn50	S2 baseline epoch 3: total IBIs >50 ms		
s2b4nn50	S2 baseline epoch 4: total IBIs >50 ms		
s2b1pnn50	S2 baseline epoch 1: percent IBIs >50 ms		
s2b2pnn50	S2 baseline epoch 2: percent IBIs >50 ms		
s2b3pnn50	S2 baseline epoch 3: percent IBIs >50 ms		
s2b4pnn50	S2 baseline epoch 4: percent IBIs >50 ms		
s2b1rmssd	S2 baseline epoch 1: IBI root mean square successive differences		
s2b2rmssd	S2 baseline epoch 2: IBI root mean square successive differences		
s2b3rmssd	S2 baseline epoch 3: IBI root mean square successive differences		
s2b4rmssd	S2 baseline epoch 4: IBI root mean square successive differences		
s2bsdnn_avg	S2 baseline: average standard deviation of IBIs		s2bsdnn_avg = mean(s2b1sdnn, s2b2sdnn, s2b3sdnn, s2b4sdnn)
s2brmssd_avg	S2 baseline: average IBI root mean square successive differences		s2brmssd_avg = mean(s2b1rmssd, s2b2rmssd, s2b3rmssd, s2b4rmssd)
s2bnn50_avg	S2 baseline: average total IBIs >50 ms		s2bnn50_avg = mean(s2b1nn50, s2b2nn50, s2b3nn50, s2b4nn50)
s2bpnn50_avg	S2 baseline: average percent IBIs >50 ms		s2bpnn50_avg = mean(s2b1pnn50, s2b2pnn50, s2b3pnn50, s2b4pnn50)
lns2bsdnn_avg	S2 baseline: average standard deviation of IBIs (ln-transform)		lns2bsdnn_avg = ln(s2bsdnn_avg)
lns2brmssd_avg	S2 baseline: average IBI RMSSD (ln-transform)		lns2brmssd_avg = ln(s2brmssd_avg)
lns2bnn50_avg	S2 baseline: average total IBIs >50 ms (ln-transform)		lns2bnn50_avg = ln(s2bnn50_avg)
lns2bpnn50_avg	S2 baseline: average percent IBIs >50 ms (ln-transform)		lns2bpnn50_avg = ln(s2bpnn50_avg)
s2p1nn	S2 speech prep: total IBI count		
s2p1sdnn	S2 speech prep: standard deviation of IBIs		
s2p1nn50	S2 speech prep: total IBIs >50 ms		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2p1pnn50	S2 speech prep: percent IBIs >50 ms		
s2p1rmssd	S2 speech prep: IBI root mean square successive differences		
s2s2nn	S2 speech: total IBI count		
s2s2sdnn	S2 speech: standard deviation of IBIs		
s2s2nn50	S2 speech: total IBIs >50 ms		
s2s2pnn50	S2 speech: percent IBIs >50 ms		
s2s2rmssd	S2 speech: IBI root mean square successive differences		
s2m1nn	S2 mental arithmetic: total IBI count		
s2m1sdnn	S2 mental arithmetic: standard deviation of IBIs		
s2m1nn50	S2 mental arithmetic: total IBIs >50 ms		
s2m1pnn50	S2 mental arithmetic: percent IBIs >50 ms		
s2m1rmssd	S2 mental arithmetic: IBI root mean square successive diff		
s2r1nn	S2 recovery epoch 1: total IBI count		
s2r2nn	S2 recovery epoch 2: total IBI count		
s2r3nn	S2 recovery epoch 3: total IBI count		
s2r1sdnn	S2 recovery epoch 1: standard deviation of IBIs		
s2r2sdnn	S2 recovery epoch 2: standard deviation of IBIs		
s2r3sdnn	S2 recovery epoch 3: standard deviation of IBIs		
s2r1nn50	S2 recovery epoch 1: total IBIs >50 ms		
s2r2nn50	S2 recovery epoch 2: total IBIs >50 ms		
s2r3nn50	S2 recovery epoch 3: total IBIs >50 ms		
s2r1pnn50	S2 recovery epoch 1: percent IBIs >50 ms		
s2r2pnn50	S2 recovery epoch 2: percent IBIs >50 ms		
s2r3pnn50	S2 recovery epoch 3: percent IBIs >50 ms		
s2r1rmssd	S2 recovery epoch 1: IBI root mean square successive differences		
s2r2rmssd	S2 recovery epoch 2: IBI root mean square successive differences		
s2r3rmssd	S2 recovery epoch 3: IBI root mean square successive differences		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2rsdnn_avg	S2 recovery: average standard deviation of IBIs		s2rsdnn_avg = mean(s2r1sdnn, s2r2sdnn, s2r3sdnn)
s2rrmssd_avg	S2 recovery: average IBI root mean square successive differences		s2rrmssd_avg = mean(s2r1rmssd, s2r2rmssd, s2r3rmssd)
s2rnn50_avg	S2 recovery: average total IBIs >50 ms		s2rnn50_avg = mean(s2r1nn50, s2r2nn50, s2r3nn50)
s2rpnn50_avg	S2 recovery: average percent IBIs >50 ms		s2rpnn50_avg = mean(s2r1pnn50, s2r2pnn50, s2r3pnn50)
lns2rsdnn_avg	S2 recovery: average standard deviation of IBIs (ln-transform)		lns2rsdnn_avg = ln(s2rsdnn_avg)
lns2rrmssd_avg	S2 recovery: average IBI RMSSD (ln-transform)		lns2rrmssd_avg = ln(s2rrmssd_avg)
lns2rnn50_avg	S2 recovery: average total IBIs >50 ms (ln-transform)		lns2rnn50_avg = ln(s2rnn50_avg)
lns2rpnn50_avg	S2 recovery: average percent IBIs >50 ms (ln-transform)		lns2rpnn50_avg = ln(s2rpnn50_avg)
psych	*****PSYCHOLOGICAL REACTIVITY*****		
s1srq1.happ	S1 - SRQ Baseline - happy	EM04	
s1srq1.tire	S1 - SRQ Baseline - tired		
s1srq1.calm	S1 - SRQ Baseline - calm		
s1srq1.sad	S1 - SRQ Baseline - sad		
s1srq1.pep	S1 - SRQ Baseline - full of pep		
s1srq1.host	S1 - SRQ Baseline - hostile		
s1srq1.edge	S1 - SRQ Baseline - on edge		
s1srq1.fatg	S1 - SRQ Baseline - fatigued		
s1srq1.lvly	S1 - SRQ Baseline - lively		
s1srq1.angr	S1 - SRQ Baseline - angry		
s1srq1.chrf	S1 - SRQ Baseline - cheerful		
s1srq1.tnse	S1 - SRQ Baseline - tense		
s1srq1.ease	S1 - SRQ Baseline - at ease		
s1srq1.unhp	S1 - SRQ Baseline - unhappy		
s1srq2.happ	S1 - SRQ Task - happy	EM04	
s1srq2.tire	S1 - SRQ Task - tired		
s1srq2.calm	S1 - SRQ Task - calm		
s1srq2.sad	S1 - SRQ Task - sad		
s1srq2.pep	S1 - SRQ Task - full of pep		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1srq2.host	S1 - SRQ Task - hostile		
s1srq2.edge	S1 - SRQ Task - on edge		
s1srq2.fatg	S1 - SRQ Task - fatigued		
s1srq2.lvly	S1 - SRQ Task - lively		
s1srq2.angr	S1 - SRQ Task - angry		
s1srq2.chrf	S1 - SRQ Task - cheerful		
s1srq2.tnse	S1 - SRQ Task - tense		
s1srq2.ease	S1 - SRQ Task - at ease		
s1srq2.unhp	S1 - SRQ Task - unhappy		
s1ersq1	S1 - ERSQ - how much effort did you put into the task?	ERSQ1	
s1ersq2	S1 - ERSQ - how nervous were you?	ERSQ2	
s1ersq3	S1 - ERSQ - how difficult did you find the task?	ERSQ2	
s1ersq4	S1 - ERSQ - how upset were you during the task?	ERSQ2	
s1ersq5	S1 - ERSQ - how challenging did you find the task?	ERSQ2	
s1srq3.happ	S1 - SRQ Recovery - happy	EM04	
s1srq3.tire	S1 - SRQ Recovery - tired		
s1srq3.calm	S1 - SRQ Recovery - calm		
s1srq3.sad	S1 - SRQ Recovery - sad		
s1srq3.pep	S1 - SRQ Recovery - full of pep		
s1srq3.host	S1 - SRQ Recovery - hostile		
s1srq3.edge	S1 - SRQ Recovery - on edge		
s1srq3.fatg	S1 - SRQ Recovery - fatigued		
s1srq3.lvly	S1 - SRQ Recovery - lively		
s1srq3.angr	S1 - SRQ Recovery - angry		
s1srq3.chrf	S1 - SRQ Recovery - cheerful		
s1srq3.tnse	S1 - SRQ Recovery - tense		
s1srq3.ease	S1 - SRQ Recovery - at ease		
s1srq3.unhp	S1 - SRQ Recovery - unhappy		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1rm1	S1 - RM - to what extent did you think about the speech you gave in the time since you gave the speech?	RM1	
s1rm2	S1 - RM - to what extent did you criticize yourself about not giving a good speech?	RM1	
s1rm3	S1 - RM - how much did you think about other past speeches or situations where you were evaluated?	RM1	
s1rm4	S1 - RM - to what extent did you think about the anxiety you felt while giving the speech?	RM1	
s1rm5	S1 - RM - were your thoughts about the speech positive, neutral or negative?	RM2	
s2srq1.happ	S2 - SRQ Baseline - happy	EM04	
s2srq1.tire	S2 - SRQ Baseline - tired		
s2srq1.calm	S2 - SRQ Baseline - calm		
s2srq1.sad	S2 - SRQ Baseline - sad		
s2srq1.pep	S2 - SRQ Baseline - full of pep		
s2srq1.host	S2 - SRQ Baseline - hostile		
s2srq1.edge	S2 - SRQ Baseline - on edge		
s2srq1.fatg	S2 - SRQ Baseline - fatigued		
s2srq1.lvly	S2 - SRQ Baseline - lively		
s2srq1.angr	S2 - SRQ Baseline - angry		
s2srq1.chrf	S2 - SRQ Baseline - cheerful		
s2srq1.tnse	S2 - SRQ Baseline - tense		
s2srq1.ease	S2 - SRQ Baseline - at ease		
s2srq1.unhp	S2 - SRQ Baseline - unhappy		
s2srq2.happ	S2 - SRQ Task - happy	EM04	
s2srq2.tire	S2 - SRQ Task - tired		
s2srq2.calm	S2 - SRQ Task - calm		
s2srq2.sad	S2 - SRQ Task - sad		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2srq2.pep	S2 - SRQ Task - full of pep		
s2srq2.host	S2 - SRQ Task - hostile		
s2srq2.edge	S2 - SRQ Task - on edge		
s2srq2.fatg	S2 - SRQ Task - fatigued		
s2srq2.lvly	S2 - SRQ Task - lively		
s2srq2.angr	S2 - SRQ Task - angry		
s2srq2.chrf	S2 - SRQ Task - cheerful		
s2srq2.tnse	S2 - SRQ Task - tense		
s2srq2.ease	S2 - SRQ Task - at ease		
s2srq2.unhp	S2 - SRQ Task - unhappy		
s2ersq1	S2 - ERSQ - how much effort did you put into the task?	ERSQ1	
s2ersq2	S2 - ERSQ - how nervous were you?	ERSQ2	
s2ersq3	S2 - ERSQ - how difficult did you find the task?	ERSQ2	
s2ersq4	S2 - ERSQ - how upset were you during the task?	ERSQ2	
s2ersq5	S2 - ERSQ - how challenging did you find the task?	ERSQ2	
s2srq3.happ	S2 - SRQ Recovery - happy	EM04	
s2srq3.tire	S2 - SRQ Recovery - tired		
s2srq3.calm	S2 - SRQ Recovery - calm		
s2srq3.sad	S2 - SRQ Recovery - sad		
s2srq3.pep	S2 - SRQ Recovery - full of pep		
s2srq3.host	S2 - SRQ Recovery - hostile		
s2srq3.edge	S2 - SRQ Recovery - on edge		
s2srq3.fatg	S2 - SRQ Recovery - fatigued		
s2srq3.lvly	S2 - SRQ Recovery - lively		
s2srq3.angr	S2 - SRQ Recovery - angry		
s2srq3.chrf	S2 - SRQ Recovery - cheerful		
s2srq3.tnse	S2 - SRQ Recovery - tense		
s2srq3.ease	S2 - SRQ Recovery - at ease		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2srq3.unhp	S2 - SRQ Recovery - unhappy		
s2rm1	S2 - RM - to what extent did you think about the speech you gave in the time since you gave the speech?	RM1	
s2rm2	S2 - RM - to what extent did you criticize yourself about not giving a good speech?	RM1	
s2rm3	S2 - RM - how much did you think about other past speeches or situations where you were evaluated?	RM1	
s2rm4	S2 - RM - to what extent did you think about the anxiety you felt while giving the speech?	RM1	
s2rm5	S2 - RM - were your thoughts about the speech positive, neutral or negative?	RM2	
s1wlbgscr1	S1 - SRQ Baseline Well-Being Score		s1wlbgscr1 = mean.2(s1srq1.happ, s1srq1.chrf)
s1vigscr1	S1 - SRQ Baseline Vigor Score		s1vigscr1 = mean.2(s1srq1.pep, s1srq1.lvly)
s1calmscr1	S1 - SRQ Baseline Calm Score		s1calmscr1 = mean.2(s1srq1.calm, s1srq1.ease)
s1posaf1	S1 - SRQ Baseline Positive Affect		s1posaf1 = mean.3(s1wlbgscr1, s1vigscr1, s1calmscr1)
s1wlbgscr2	S1 - SRQ Task Well-Being Score		s1wlbgscr2 = mean.2(s1srq2.happ, s1srq2.chrf)
s1vigscr2	S1 - SRQ Task Vigor Score		s1vigscr2 = mean.2(s1srq2.pep, s1srq2.lvly)
s1calmscr2	S1 - SRQ Task Calm Score		s1calmscr2 = mean.2(s1srq2.calm, s1srq2.ease)
s1posaf2	S1 - SRQ Task Positive Affect		s1posaf2 = mean.3(s1wlbgscr2, s1vigscr2, s1calmscr2)
s1wlbgscr3	S1 - SRQ Recovery Well-Being Score		s1wlbgscr3 = mean.2(s1srq3.happ, s1srq3.chrf)
s1vigscr3	S1 - SRQ Recovery Vigor Score		s1vigscr3 = mean.2(s1srq3.pep, s1srq3.lvly)
s1calmscr3	S1 - SRQ Recovery Calm Score		s1calmscr3 = mean.2(s1srq3.calm, s1srq3.ease)
s1posaf3	S1 - SRQ Recovery Positive Affect		s1posaf3 = mean.3(s1wlbgscr3, s1vigscr3, s1calmscr3)
s1angscr1	S1 - SRQ Baseline Anger Score		s1angscr1 = mean.2(s1srq1.host, s1srq1.angr)
s1anxscr1	S1 - SRQ Baseline Anxiety Score		s1anxscr1 = mean.2(s1srq1.edge, s1srq1.tnse)
s1deprscr1	S1 - SRQ Baseline Depression Score		s1deprscr1 = mean.2(s1srq1.sad, s1srq1.unhp)
s1fatgscr1	S1 - SRQ Baseline Fatigue Score		s1fatgscr1 = mean.2(s1srq1.tire, s1srq1.fatg)

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1negaf1	S1 - SRQ Baseline Negative Affect		s1negaf1 = mean.3(s1angscr1, s1anxscr1, s1deprscr1)
s1negftg1	S1 - SRQ Baseline Negative Affect + Fatigue		s1negftg1 = mean.4(s1angscr1, s1anxscr1, s1deprscr1, s1fatgscr1)
s1angscr2	S1 - SRQ Task Anger Score		s1angscr2 = mean.2(s1srq2.host, s1srq2.angr)
s1anxscr2	S1 - SRQ Task Anxiety Score		s1anxscr2 = mean.2(s1srq2.edge, s1srq2.tnse)
s1deprscr2	S1 - SRQ Task Depression Score		s1deprscr2 = mean.2(s1srq2.sad, s1srq2.unhp)
s1fatgscr2	S1 - SRQ Task Fatigue Score		s1fatgscr2 = mean.2(s1srq2.tire, s1srq2.fatg)
s1negaf2	S1 - SRQ Task Negative Affect		s1negaf2 = mean.3(s1angscr2, s1anxscr2, s1deprscr2)
s1negftg2	S1 - SRQ Task Negative Affect + Fatigue		s1negftg2 = mean.4(s1angscr2, s1anxscr2, s1deprscr2, s1fatgscr2)
s1angscr3	S1 - SRQ Recovery Anger Score		s1angscr3 = mean.2(s1srq3.host, s1srq3.angr)
s1anxscr3	S1 - SRQ Recovery Anxiety Score		s1anxscr3 = mean.2(s1srq3.edge, s1srq3.tnse)
s1deprscr3	S1 - SRQ Recovery Depression Score		s1deprscr3 = mean.2(s1srq3.sad, s1srq3.unhp)
s1fatgscr3	S1 - SRQ Recovery Fatigue Score		s1fatgscr3 = mean.2(s1srq3.tire, s1srq3.fatg)
s1negaf3	S1 - SRQ Recovery Negative Affect		s1negaf3 = mean.3(s1angscr3, s1anxscr3, s1deprscr3)
s1negftg3	S1 - SRQ Recovery Negative Affect + Fatigue		s1negftg3 = mean.4(s1angscr3, s1anxscr3, s1deprscr3, s1fatgscr3)
s2wlbgscr1	S2 - SRQ Baseline Well-Being Score		
s2vigscr1	S2 - SRQ Baseline Vigor Score		
s2calmscr1	S2 - SRQ Baseline Calm Score		
s2posaf1	S2 - SRQ Baseline Positive Affect		
s2wlbgscr2	S2 - SRQ Task Well-Being Score		
s2vigscr2	S2 - SRQ Task Vigor Score		
s2calmscr2	S2 - SRQ Task Calm Score		
s2posaf2	S2 - SRQ Task Positive Affect		
s2wlbgscr3	S2 - SRQ Recovery Well-Being Score		
s2vigscr3	S2 - SRQ Recovery Vigor Score		
s2calmscr3	S2 - SRQ Recovery Calm Score		Created variables for reactivity session 2 are computed using procedures identical to those described above for session 1.
s2posaf3	S2 - SRQ Recovery Positive Affect		
s2angscr1	S2 - SRQ Baseline Anger Score		
s2anxscr1	S2 - SRQ Baseline Anxiety Score		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s2deprscr1	S2 - SRQ Baseline Depression Score		
s2fatgscr1	S2 - SRQ Baseline Fatigue Score		
s2negaf1	S2 - SRQ Baseline Negative Affect		
s2negftg1	S2 - SRQ Baseline Negative Affect + Fatigue		
s2angscr2	S2 - SRQ Task Anger Score		
s2anxscr2	S2 - SRQ Task Anxiety Score		
s2deprscr2	S2 - SRQ Task Depression Score		
s2fatgscr2	S2 - SRQ Task Fatigue Score		
s2negaf2	S2 - SRQ Task Negative Affect		
s2negftg2	S2 - SRQ Task Negative Affect + Fatigue		
s2angscr3	S2 - SRQ Recovery Anger Score		
s2anxscr3	S2 - SRQ Recovery Anxiety Score		
s2deprscr3	S2 - SRQ Recovery Depression Score		
s2fatigscr3	S2 - SRQ Recovery Fatigue Score		
s2negaf3	S2 - SRQ Recovery Negative Affect		
s2negftg3	S2 - SRQ Recovery Negative Affect + Fatigue		
wlbg1_avg	Average Baseline Well-Being Score (S1 & S2)		wlbg1_avg = mean(s1wlbgscr1, s2wlbgscr1).
vigor1_avg	Average Baseline Vigor Score (S1 & S2)		vigor1_avg = mean(s1vigscr1, s2vigscr1).
calm1_avg	Average Baseline Calm Score (S1 & S2)		calm1_avg = mean(s1calmscr1, s2calmscr1).
posaf1_avg	Average Baseline Positive Affect (S1 & S2)		posaff1_avg = mean(s1posaff1, s2posaff1).
wlbg2_avg	Average Task Well-Being Score (S1 & S2)		wlbg2_avg = mean(s1wlbgscr2, s2wlbgscr2).
vigor2_avg	Average Task Vigor Score (S1 & S2)		vigor2_avg = mean(s1vigscr2, s2vigscr2).
calm2_avg	Average Task Calm Score (S1 & S2)		calm2_avg = mean(s1calmscr2, s2calmscr2).
posaf2_avg	Average Task Positive Affect (S1 & S2)		posaff2_avg = mean(s1posaff2, s2posaff2).
wlbg3_avg	Average Recovery Well-Being Score (S1 & S2)		wlbg3_avg = mean(s1wlbgscr3, s2wlbgscr3).
vigor3_avg	Average Recovery Vigor Score (S1 & S2)		vigor3_avg = mean(s1vigscr3, s2vigscr3).
calm3_avg	Average Recovery Calm Score (S1 & S2)		calm3_avg = mean(s1calmscr3, s2calmscr3).

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
posaf3_avg	Average Recovery Positive Affect (S1 & S2)		posaff3_avg = mean(s1posaff3, s2posaff3).
ang1_avg	Average Baseline Anger Score (S1 & S2)		ang1_avg = mean(s1angscr1, s2angscr1).
anx1_avg	Average Baseline Anxiety Score (S1 & S2)		anx1_avg = mean(s1anxscr1, s2anxscr1).
depr1_avg	Average Baseline Depression Score (S1 & S2)		depr1_avg = mean(s1deprscr1, s2deprscr1).
fatg1_avg	Average Baseline Fatigue Score (S1 & S2)		negaff1_avg = mean(s1negaff1, s2negaff1).
negaf1_avg	Average Baseline Negative Affect (S1 & S2)		fatig1_avg = mean(s1fatigscr1, s2fatigscr1).
negftg1_avg	Average Baseline Negative Affect+Fatigue (S1 & S2)		negftg1_avg = mean(s1negftg1, s2negftg1).
ang2_avg	Average Task Anger Score (S1 & S2)		ang2_avg = mean(s1angscr2, s2angscr2).
anx2_avg	Average Task Anxiety Score (S1 & S2)		anx2_avg = mean(s1anxscr2, s2anxscr2).
depr2_avg	Average Task Depression Score (S1 & S2)		depr2_avg = mean(s1deprscr2, s2deprscr2).
fatg2_avg	Average Task Fatigue Score (S1 & S2)		negaff2_avg = mean(s1negaff2, s2negaff2).
negaf2_avg	Average Task Negative Affect (S1 & S2)		fatig2_avg = mean(s1fatigscr2, s2fatigscr2).
negftg2_avg	Average Task Negative Affect+Fatigue (S1 & S2)		negftg2_avg = mean(s1negftg2, s2negftg2).
ang3_avg	Average Recovery Anger Score (S1 & S2)		ang3_avg = mean(s1angscr3, s2angscr3).
anx3_avg	Average Recovery Anxiety Score (S1 & S2)		anx3_avg = mean(s1anxscr3, s2anxscr3).
depr3_avg	Average Recovery Depression Score (S1 & S2)		depr3_avg = mean(s1deprscr3, s2deprscr3).
fatg3_avg	Average Recovery Fatigue Score (S1 & S2)		negaff3_avg = mean(s1negaff3, s2negaff3).
negaf3_avg	Average Recovery Negative Affect (S1 & S2)		fatig3_avg = mean(s1fatigscr3, s2fatigscr3).
negftg3_avg	Average Recovery Negative Affect+Fatigue (S1 & S2)		negftg3_avg = mean(s1negftg3, s2negftg3).
s1rm_tot	S1 - RM: Total Rumination Score		s1rm_tot = mean.4(s1rm1, s1rm2, s1rm3, s1rm4, s1rm5)*5.
s2rm_tot	S2 - RM: Total Rumination Score		s2rm_tot = mean.4(s2rm1, s2rm2, s2rm3, s2rm4, s2rm5)*5.
rm_tot_avg	Average Rumination Score (S1 & S2)		rm_tot_avg = mean(s1rm_tot, s2rm_tot).
s1wlbg_tresid	S1 - SRQ Task Well-Being Residualized Score		
s1vig_tresid	S1 - SRQ Task Vigor Residualized Score		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1calm_tresid	S1 - SRQ Task Calm Residualized Score		Residualized scores were computed by regressing each task score on the analogous baseline score.
s1ang_tresid	S1 - SRQ Task Anger Residualized Score		
s1anx_tresid	S1 - SRQ Task Anxiety Residualized Score		
s1depr_tresid	S1 - SRQ Task Depression Residualized Score		
s1fatg_tresid	S1 - SRQ Task Fatigue Residualized Score		
s1posaf_tresid	S1 - SRQ Task Positive Affect Residualized Score		
s1negaf_tresid	S1 - SRQ Task Negative Affect Residualized Score		
s1negftg_tresid	S1 - SRQ Task Negative Affect + Fatigue Residualized Score		
s2wlbg_tresid	S2 - SRQ Task Well-Being Residualized Score		
s2vig_tresid	S2 - SRQ Task Vigor Residualized Score		
s2calm_tresid	S2 - SRQ Task Calm Residualized Score		
s2posaf_tresid	S2 - SRQ Task Anger Residualized Score		
s2ang_tresid	S2 - SRQ Task Anxiety Residualized Score		
s2anx_tresid	S2 - SRQ Task Depression Residualized Score		
s2depr_tresid	S2 - SRQ Task Fatigue Residualized Score		
s2fatg_tresid	S2 - SRQ Task Positive Affect Residualized Score		
s2negaf_tresid	S2 - SRQ Task Negative Affect Residualized Score		
s2negftg_tresid	S2 - SRQ Task Negative Affect + Fatigue Residualized Score		
s1wlbg_rresid	S1 - SRQ Recovery Well-Being Residualized Score		Residualized scores were computed by regressing each task score on the analogous task score.
s1vig_rresid	S1 - SRQ Recovery Vigor Residualized Score		
s1calm_rresid	S1 - SRQ Recovery Calm Residualized Score		
s1posaf_rresid	S1 - SRQ Recovery Anger Residualized Score		
s1ang_rresid	S1 - SRQ Recovery Anxiety Residualized Score		
s1anx_rresid	S1 - SRQ Recovery Depression Residualized Score		
s1depr_rresid	S1 - SRQ Recovery Fatigue Residualized Score		
s1fatg_rresid	S1 - SRQ Recovery Positive Affect Residualized Score		
s1negaf_rresid	S1 - SRQ Recovery Negative Affect Residualized Score		

LABORATORY STRESS REACTIVITY

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
s1negftg_rresid	S1 - SRQ Recovery Negative Affect + Fatigue Residualized Score		
s2wlbg_rresid	S2 - SRQ Recovery Well-Being Residualized Score		
s2vig_rresid	S2 - SRQ Recovery Vigor Residualized Score		
s2calm_rresid	S2 - SRQ Recovery Calm Residualized Score		
s2posaf_rresid	S2 - SRQ Recovery Anger Residualized Score		
s2ang_rresid	S2 - SRQ Recovery Anxiety Residualized Score		
s2anx_rresid	S2 - SRQ Recovery Depression Residualized Score		
s2depr_rresid	S2 - SRQ Recovery Fatigue Residualized Score		
s2fatg_rresid	S2 - SRQ Recovery Positive Affect Residualized Score		
s2negaf_rresid	S2 - SRQ Recovery Negative Affect Residualized Score		
s2negftg_rresid	S2 - SRQ Recovery Negative Affect + Fatigue Residualized Score		

LABORATORY STRESS REACTIVITY **Value Labels for Categorical and Dichotomous Variables**

CODE	VALUE LABELS	CODE	VALUE LABELS
EM04	0=not at all	RM1	1=not at all
	1=a little		2 [unlabeled]
	2=some		3 [unlabeled]
	3=quite a bit		4 [unlabeled]
	4=a lot		5 [unlabeled]
			6 [unlabeled]
ERSQ1	1=didn't try at all		7=all the time
	2 [unlabeled]		
	3 [unlabeled]	RM2	1=positive
	4 [unlabeled]		2 [unlabeled]
	5 [unlabeled]		3 [unlabeled]
	6 [unlabeled]		4=neutral
	7=tried as hard as I could		5 [unlabeled]
			6 [unlabeled]
ERSQ2	1=not at all		7=negative
	2 [unlabeled]		
	3 [unlabeled]		
	4 [unlabeled]		
	5 [unlabeled]		
	6 [unlabeled]		
	7=extremely		

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.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	YES/NO	
empl.fullhrs	# hours/wk work full-time		
empl.parttime	employment status: employed part-time	YES/NO	

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
empl.parthrs	# hours/wk work part-time		
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		
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
vacation	In the past year, how many vacations did you take out of town?	VACATION	
newspapr	Daily newspaper delivered	YES/NO	
books	How many books do you read per year?	BOOKS	
dentist	Had a dental checkup in last year	YES/NO	
ownhome	Do you own your own home (including mortgage)	YES/NO	
ownvhcl	Do you own a working vehicle?	YES/NO	

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
sescom	Subjective SES: community ladder score (range, 1 to 9)		
sesusa	Subjective SES: USA ladder score (range, 1 to 9)		
momage	How old is your mother?		
momdage	If your mother passed away, how old was she?		
momdyr	Year mother passed away		
dadage	How old is your father?		
daddage	If your father passed away, how old was she?		
daddyr	Year father passed away		
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		

DEMOGRAPHICS

VARIABLE NAME	VARIABLE LABEL	VALUES	FORMULA
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	
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**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
SEX	0=male	EDUC9	1=Didn't finish high school	VALIDEMP	0=unchecked
	1=female		2=less than HS, completed VO/TECH		1=valide "other" employment status
			3=Completed high school		
RACE6	1=White/Caucasian		4=HS + VO/TECH program	INCOME	1=less than $5,000
	2=Black/African-American		5=Less than 2 yrs college		2=$5,000-$9,999
	3=Native American, Eskimo, Aleut		6=2+ years + degree		3=$10,000-$14,999
	4=Asian or Pacific Islander		7=Bachelor's degree		4=$15,000-$19,999
	5=Hispanic		8=Master's degree		5=$20,000-$29,999
	6=Other		9=PhD, MD, or other higher degree		6=$30,000-$39,999
					7=$40,000-$49,999
RACEW	0=all others	EDUC4	1=HS grad or lower		8=$50,000-$59,999
	1=White/Caucasian		2=some college, but lt 2 yrs		9=$60,000-$74,999
			3=2+ yrs college + degree		10=$75,000-$99,999
RACEB	0=all others		4=bachelor's degree or higher		11=$100,000-$124,999
	1=Black/African-American				12=$125,000-$149,999
		EDUCHS	0=all others		13=$150,000 or more
RACEN	0=all others		1=HS grad or lower		
	1=Native American, Eskimo, Aleut			VACATION	0=none
		EDUCSC	0=all others		1=1
RACEA	0=all others		1=some college, but < 2 yrs		2=2
	1=Asian or Pacific Islander				3=3
		EDUCAD	0=all others		4=4
RACEH	0=all others		1=2+ yrs college + degree		5=5 or more
	1=Hispanic				
		EDUCBA	0=all others	BOOKS	1=never read books
RACEO	0=all others		1=bachelor's degr or higher		2=1-2 per year
	1='other' race/ethnicity				3=3-4 per year
		YES/NO	0=no		4=4 or more per year
			1=yes		

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	
smk.cotinine	SMK: saliva cotinine concentration (ng/mL)		
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 lt 6) alc.wkdays = alc.wkdays_raw; if (alc.wkdays_raw = 6) alc.wkdays = 0.
alc.wndays	ALC: # weekend days drink alcohol (occasional drinkers = 0)		if (alc.wndays_raw lt 6) alc.wndays = alc.wndays_raw; if (alc.wndays_raw = 6) alc.wndays = 0.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
alc.occwk	ALC: occasional weekday drinker (computed)		if (alc.wkdays_raw = 6) alc.occwk=1; if (alc.wkdays_raw <6) alc.occwk = 0.
alc.occwn	ALC: occasional weekend day drinker (computed)		if (alc.wndays_raw = 6) alc.occwn=1; if (alc.wndays_raw≤2) alc.occwn = 0.
alc.wkdrnks	ALC: avg #drinks on weekdays (occasional drinkers = 0)		if (alc.wkdays_raw≥1 and alc.wkdays_raw≤5) alc.wkdrnks = alc.wkdrnks_raw; if (alc.wkdays_raw = 0 or alc.wkdays_raw = 6) alc.wkdrnks = 0.
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	PPA - climbing steps - flights/day		
act.blocks	ACT: - walking - blocks/day		
act.sprt1_str	ACT: sport 1 - past week		
act.sprt2_str	ACT: sport 2 - past week		
act.sprt3_str	ACT: sport 3 - past week		
act.sprt4_str	ACT: sport 4 - past week		
act.frqwk1	ACT: sport 1 - # of times past week		
act.frqwk2	ACT: sport 2 - # of times past week		
act.frqwk3	ACT: sport 3 - # of times past week		
act.frqwk4	ACT: sport 4 - # of times past week		
act.sp1hr	ACT: sport 1 - # of hours per episode		
act.sp2hr	ACT: sport 2 - # of hours per episode		
act.sp3hr	ACT: sport 3 - # of hours per episode		
act.sp4hr	ACT: sport 4 - # of hours per episode		

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
act.sp1min	ACT: sport 1 - # of minutes per episode		
act.sp2min	ACT: sport 2 - # of minutes per episode		
act.sp3min	ACT: sport 3 - # of minutes per episode		
act.sp4min	ACT: sport 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
ped	*****PEDOMETRY*****		
ped.start	PED: Pedometry start date		
ped1.day	PED: Pedometry Day 1 - day of week		
ped1.time	PED: Pedometry Day 1 - time of reading (hh:mm, 24-hr time)		
ped1.read	PED: Pedometry Day 1 - reading (number of steps)		
ped2.day	PED: Pedometry Day 2 - day of week		
ped2.time	PED: Pedometry Day 2 - time of reading (hh:mm, 24-hr time)		
ped2.read	PED: Pedometry Day 2 - reading (number of steps)		
ped3.day	PED: Pedometry Day 3 - day of week		
ped3.time	PED: Pedometry Day 3 - time of reading (hh:mm, 24-hr time)		
ped3.read	PED: Pedometry Day 3 - reading (number of steps)		
ped4.day	PED: Pedometry Day 4 - day of week		
ped4.time	PED: Pedometry Day 4 - time of reading (hh:mm, 24-hr time)		
ped4.read	PED: Pedometry Day 4 - reading (number of steps)		
ped.read_avg	PED: Average Pedometer Reading (number of steps)		ped.read_avg = mean(ped1.read, ped2.read, ped3.read, ped4.read).
slp	*****SELF-REPORTED SLEEP*****		
psqi.bdhr	PSQI: usual bedtime during past 2 weeks (hour)		
psqi.bdmin	PSQI: usual bedtime during past 2 weeks (minutes)		
psqi.wkhr	PSQI: usual wake-up time during past 2 weeks		
psqi.wkmin	PSQI: usual wake-up time during past 2 weeks		
psqi.flslp	PSQI: usual time (minutes) taken to fall asleep in past 2 weeks		

HEALTH PRACTICES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
psqi.hrslp	PSQI: hours of actual sleep past 2 weeks		
psqi.30min	PSQI: trouble sleeping - cannot get to sleep within 30 minutes	PSQIFR1	
psqi.wake	PSQI: trouble sleeping - wake in middle of night or early morning		
psqi.bthrm	PSQI: trouble sleeping - have to get up to use bathroom		
psqi.brth	PSQI: trouble sleeping - cannot breath comfortably		
psqi.snor	PSQI: trouble sleeping - cough or snore loudly		
psqi.cold	PSQI: trouble sleeping - too cold		
psqi.hot	PSQI: trouble sleeping - too hot		
psqi.drms	PSQI: trouble sleeping - bad dreams		
psqi.pain	PSQI: trouble sleeping - pain		
psqi.othr	PSQI: trouble sleeping - other		
psqi.othr_str	PSQI: trouble sleeping - other (description)		
psqi.slqul	PSQI: overall sleep quality during past 2 weeks	PSQIQUL	
psqi.meds	PSQI: how often taken medicine to help sleep during past 2 weeks	PSQIFR2	
psqi.stawk	PSQI: how often had trouble staying awake in past 2 weeks	PSQIFR2	
psqi.enth	PSQI: how much of a problem keeping up enthusiasm in past 2 weeks	PSQIPRB	
psqi.bedtime	PSQI: usual bedtime in past 2 weeks (24-hr time)		
psqi.waketim	PSQI: usual wake-time in past 2 weeks (24-hr time)		
psqi.minbed	PSQI: calculated total minutes spent in bed		psqi.minbed = datediff(psqi.waketim, psqi.bedtime, "minutes"). NOTE: if (psqi.minbed lt 0) psqi.minbed = psqi.minbed+1440.
psqi.hrsbed	PSQI: calculated total hours spent in bed		psqi.hrsbed = psqi.minbed/60
psqi.efficiency	PSQI: sleep efficiency		psqi.efficiency = [(psqi.hrsbed-psqi.hrslost)/psqi.hrsbed]*100.
actigraph	*****ACTIGRAPHY SLEEP MEASURES*****		
ag.totintervals	AG: Actigraphy - number of sleep intervals		
ag.efficiency	AG: Actigraphy - average sleep efficiency		
ag.waso	AG: Actigraphy - average wake after sleep onset (min)		
ag.sleeptime	AG: Actigraphy - average sleep duration (min)		
ag.fragment	AG: Actigraphy - average fragmentation index		
brk	*****BREAKFAST DATA*****		
brk.freq	BRK: Frequency of eating breakfast	BRKFRQ	
brk.frqcrl	BRK: Frequency of eating cereal for 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	PSQIFR2	0=never
	1=yes		1=1 day		1=less than once a week
			2=both days		2=once or twice a week
SMKFRQ	1=at least once a week		6=occasionally drink on a weekend day		3=3+ times per week
	2=at least once a month				
	3=less than once a month	PSQIQUL	0=very good	PSQIPRB	0=not a problem
			1=fairly good		1=a slight problem
WKDAY	0=never drink on a weekday		2=fairly bad		2=somewhat of a problem
	1=1 day		3=very bad		3=a big problem
	2=2 days				
	3=3 days	PSQIFR1	0=not caused trouble	BRKFRQ	1=never
	4=4 days		1=less than once a week		2=less than once a week
	5=5 days		2=once or twice a week		3=once or twice a week
	6=occasionally drink on a weekday		3=3+ times per week		4=most days (3-6)
					5=every day

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
chexp	*****CHILDHOOD EXPERIENCES INTERVIEW*****		
ci.bedrm1	CI: number of bedrooms age 1	BDRM	
ci.bedrm2	CI: number of bedrooms age 2		
ci.bedrm3	CI: number of bedrooms age 3		
ci.bedrm4	CI: number of bedrooms age 4		
ci.bedrm5	CI: number of bedrooms age 5		
ci.bedrm6	CI: number of bedrooms age 6		
ci.bedrm7	CI: number of bedrooms age 7		
ci.bedrm8	CI: number of bedrooms age 8		
ci.bedrm9	CI: number of bedrooms age 9		
ci.bedrm10	CI: number of bedrooms age 10		
ci.bedrm11	CI: number of bedrooms age 11		
ci.bedrm12	CI: number of bedrooms age 12		
ci.bedrm13	CI: number of bedrooms age 13		
ci.bedrm14	CI: number of bedrooms age 14		
ci.bedrm15	CI: number of bedrooms age 15		
ci.bedrm16	CI: number of bedrooms age 16		
ci.bedrm17	CI: number of bedrooms age 17		
ci.bedrm18	CI: number of bedrooms age 18		
ci.home1	CI: own home (or pay mortgage) age 1	YES/NO	
ci.home2	CI: own home (or pay mortgage) age 2		
ci.home3	CI: own home (or pay mortgage) age 3		
ci.home4	CI: own home (or pay mortgage) age 4		
ci.home5	CI: own home (or pay mortgage) age 5		
ci.home6	CI: own home (or pay mortgage) age 6		
ci.home7	CI: own home (or pay mortgage) age 7		
ci.home8	CI: own home (or pay mortgage) age 8		
ci.home9	CI: own home (or pay mortgage) age 9		
ci.home10	CI: own home (or pay mortgage) age 10		
ci.home11	CI: own home (or pay mortgage) age 11		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci.home12	CI: own home (or pay mortgage) age 12	YES/NO	
ci.home13	CI: own home (or pay mortgage) age 13		
ci.home14	CI: own home (or pay mortgage) age 14		
ci.home15	CI: own home (or pay mortgage) age 15		
ci.home16	CI: own home (or pay mortgage) age 16		
ci.home17	CI: own home (or pay mortgage) age 17		
ci.home18	CI: own home (or pay mortgage) age 18		
ci.car1	CI: own car age 1	CAR	
ci.car2	CI: own car age 2		
ci.car3	CI: own car age 3		
ci.car4	CI: own car age 4		
ci.car5	CI: own car age 5		
ci.car6	CI: own car age 6		
ci.car7	CI: own car age 7		
ci.car8	CI: own car age 8		
ci.car9	CI: own car age 9		
ci.car10	CI: own car age 10		
ci.car11	CI: own car age 11		
ci.car12	CI: own car age 12		
ci.car13	CI: own car age 13		
ci.car14	CI: own car age 14		
ci.car15	CI: own car age 15		
ci.car16	CI: own car age 16		
ci.car17	CI: own car age 17		
ci.car18	CI: own car age 18		
ci.sibs1	CI: number of siblings age 1		
ci.sibs2	CI: number of siblings age 2		
ci.sibs3	CI: number of siblings age 3		
ci.sibs4	CI: number of siblings age 4		
ci.sibs5	CI: number of siblings age 5		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci.sibs6	CI: number of siblings age 6		
ci.sibs7	CI: number of siblings age 7		
ci.sibs8	CI: number of siblings age 8		
ci.sibs9	CI: number of siblings age 9		
ci.sibs10	CI: number of siblings age 10		
ci.sibs11	CI: number of siblings age 11		
ci.sibs12	CI: number of siblings age 12		
ci.sibs13	CI: number of siblings age 13		
ci.sibs14	CI: number of siblings age 14		
ci.sibs15	CI: number of siblings age 15		
ci.sibs16	CI: number of siblings age 16		
ci.sibs17	CI: number of siblings age 17		
ci.sibs18	CI: number of siblings age 18		
ci.adults1	CI: number of supervisory adults age 1	SUPAD	
ci.adults2	CI: number of supervisory adults age 2		
ci.adults3	CI: number of supervisory adults age 3		
ci.adults4	CI: number of supervisory adults age 4		
ci.adults5	CI: number of supervisory adults age 5		
ci.adults6	CI: number of supervisory adults age 6		
ci.adults7	CI: number of supervisory adults age 7		
ci.adults8	CI: number of supervisory adults age 8		
ci.adults9	CI: number of supervisory adults age 9		
ci.adults10	CI: number of supervisory adults age 10		
ci.adults11	CI: number of supervisory adults age 11		
ci.adults12	CI: number of supervisory adults age 12		
ci.adults13	CI: number of supervisory adults age 13		
ci.adults14	CI: number of supervisory adults age 14		
ci.adults15	CI: number of supervisory adults age 15		
ci.adults16	CI: number of supervisory adults age 16		
ci.adults17	CI: number of supervisory adults age 17		
ci.adults18	CI: number of supervisory adults age 18		

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci.momhlth1	CI: mother treated for serious mental/physical health problems age 1	SERILL	
ci.momhlth2	CI: mother treated for serious mental/ physical health problems age 2		
ci.momhlth3	CI: mother treated for serious mental/physical health problems age 3		
ci.momhlth4	CI: mother treated for serious mental/physical health problems age 4		
ci.momhlth5	CI: mother treated for serious mental/physical health problems age 5		
ci.momhlth6	CI: mother treated for serious mental/physical health problems age 6		
ci.momhlth7	CI: mother treated for serious mental/physical health problems age 7		
ci.momhlth8	CI: mother treated for serious mental/physical health problems age 8		
ci.momhlth9	CI: mother treated for serious mental/physical health problems age 9		
ci.momhlth10	CI: mother treated for serious mental/physical health problems age 10		
ci.momhlth11	CI: mother treated for serious mental/physical health problems age 11		
ci.momhlth12	CI: mother treated for serious mental/physical health problems age 12		
ci.momhlth13	CI: mother treated for serious mental/physical health problems age 13		
ci.momhlth14	CI: mother treated for serious mental/physical health problems age 14		
ci.momhlth15	CI: mother treated for serious mental/physical health problems age 15		
ci.momhlth16	CI: mother treated for serious mental/physical health problems age 16		
ci.momhlth17	CI: mother treated for serious mental/physical health problems age 17		
ci.momhlth18	CI: mother treated for serious mental/physical health problems age 18		
ci.dadhlth1	CI: father treated for serious mental or physical health problems age 1	SERILL	
ci.dadhlth2	CI: father treated for serious mental or physical health problems age 2		
ci.dadhlth3	CI: father treated for serious mental or physical health problems age 3		
ci.dadhlth4	CI: father treated for serious mental or physical health problems age 4		
ci.dadhlth5	CI: father treated for serious mental or physical health problems age 5		
ci.dadhlth6	CI: father treated for serious mental or physical health problems age 6		
ci.dadhlth7	CI: father treated for serious mental or physical health problems age 7		
ci.dadhlth8	CI: father treated for serious mental or physical health problems age 8		
ci.dadhlth9	CI: father treated for serious mental or physical health problems age 9		
ci.dadhlth10	CI: father treated for serious mental/physical health problems age 10		
ci.dadhlth11	CI: father treated for serious mental/physical health problems age 11		
ci.dadhlth12	CI: father treated for serious mental/physical health problems age 12		

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci.dadhlth13	CI: father treated for serious mental/physical health problems age 13		
ci.dadhlth14	CI: father treated for serious mental/physical health problems age 14		
ci.dadhlth15	CI: father treated for serious mental/physical health problems age 15		
ci.dadhlth16	CI: father treated for serious mental/physical health problems age 16		
ci.dadhlth17	CI: father treated for serious mental/physical health problems age 17		
ci.dadhlth18	CI: father treated for serious mental/physical health problems age 18		
ci.selfhlth1	CI: you treated for serious mental or physical health problems age 1	SERILL	
ci.selfhlth2	CI: you treated for serious mental or physical health problems age 2		
ci.selfhlth3	CI: you treated for serious mental or physical health problems age 3		
ci.selfhlth4	CI: you treated for serious mental or physical health problems age 4		
ci.selfhlth5	CI: you treated for serious mental or physical health problems age 5		
ci.selfhlth6	CI: you treated for serious mental or physical health problems age 6		
ci.selfhlth7	CI: you treated for serious mental or physical health problems age 7		
ci.selfhlth8	CI: you treated for serious mental or physical health problems age 8		
ci.selfhlth9	CI: you treated for serious mental or physical health problems age 9		
ci.selfhlth10	CI: you treated for serious mental or physical health problems age 10		
ci.selfhlth11	CI: you treated for serious mental or physical health problems age 11		
ci.selfhlth12	CI: you treated for serious mental or physical health problems age 12		
ci.selfhlth13	CI: you treated for serious mental or physical health problems age 13		
ci.selfhlth14	CI: you treated for serious mental or physical health problems age 14		
ci.selfhlth15	CI: you treated for serious mental or physical health problems age 15		
ci.selfhlth16	CI: you treated for serious mental or physical health problems age 16		
ci.selfhlth17	CI: you treated for serious mental or physical health problems age 17		
ci.selfhlth18	CI: you treated for serious mental or physical health problems age 18		
ci.mothocc1	CI: mother kind of work age 1	PARJOB	
ci.mothocc2	CI: mother kind of work age 2		
ci.mothocc3	CI: mother kind of work age 3		
ci.mothocc4	CI: mother kind of work age 4		
ci.mothocc5	CI: mother kind of work age 5		
ci.mothocc6	CI: mother kind of work age 6		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci.mothocc7	CI: mother kind of work age 7	PARJOB	
ci.mothocc8	CI: mother kind of work age 8		
ci.mothocc9	CI: mother kind of work age 9		
ci.mothocc10	CI: mother kind of work age 10		
ci.mothocc11	CI: mother kind of work age 11		
ci.mothocc12	CI: mother kind of work age 12		
ci.mothocc13	CI: mother kind of work age 13		
ci.mothocc14	CI: mother kind of work age 14		
ci.mothocc15	CI: mother kind of work age 15		
ci.mothocc16	CI: mother kind of work age 16		
ci.mothocc17	CI: mother kind of work age 17		
ci.mothocc18	CI: mother kind of work age 18		
ci.fathocc1	CI: father kind of work age 1	PARJOB	
ci.fathocc2	CI: father kind of work age 2		
ci.fathocc3	CI: father kind of work age 3		
ci.fathocc4	CI: father kind of work age 4		
ci.fathocc5	CI: father kind of work age 5		
ci.fathocc6	CI: father kind of work age 6		
ci.fathocc7	CI: father kind of work age 7		
ci.fathocc8	CI: father kind of work age 8		
ci.fathocc9	CI: father kind of work age 9		
ci.fathocc10	CI: father kind of work age 10		
ci.fathocc11	CI: father kind of work age 11		
ci.fathocc12	CI: father kind of work age 12		
ci.fathocc13	CI: father kind of work age 13		
ci.fathocc14	CI: father kind of work age 14		
ci.fathocc15	CI: father kind of work age 15		
ci.fathocc16	CI: father kind of work age 16		
ci.fathocc17	CI: father kind of work age 17		
ci.fathocc18	CI: father kind of work age 18		

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci5argue	CI: Age 5 - parents argue	FAM14	
ci5alngm	CI: Age 5 - get along with mother		
ci5alngd	CI: Age 5 - get along with father		
ci5alngs	CI: Age 5 - get along with brothers and sisters		
ci5unsup	CI: Age 5 - parents leave unsupervised	CIFRQ14	
ci5eatdin	CI: Age 5 - family eats dinner together		
ci5shaff	CI: Age 5 - parents show you affection		
ci5hug	CI: Age 5 - parents hug you		
ci5laugh	CI: Age 5 - laugh together		
ci5praise	CI: Age 5 - parents praise you		
ci5school	CI: Age 5 - parents show concern for your school work		
ci5actfam	CI: Age 5 - free time engaged in activities with family		
ci5doown	CI: Age 5 - do things on your own		
ci5liked	CI: Age 5 - liked by other children		
ci5vaca	CI: Age 5 - "out of town" vacations with family	YES/NO	
ci5dent	CI: Age 5 - dental check-up	YES/NO	
ci5phys	CI: Age 5 - regular physician	YES/NO	
ci5bookm	CI: Age 5 - mother reading a book	PARRD	
ci5bookd	CI: Age 5 - father reading a book	PARRD	
ci5paper	CI: Age 5 - newspaper delivered	YES/NO	
ci5gun	CI: Age 5 - have gun in home	YES/NO	
ci5police	CI: Age 5 - have contact with police	CIFRQ14	
ci5hlth	CI: Age 5 - eat fruits and vegetables	CIFRQ14	
ci5frtveg	CI: Age 5 - general health	CIHLTH	
ci5tbccm	CI: Age 5 - mother smoke or chew tobacco	PARSMK	
ci5tbccd	CI: Age 5 - father smoke or chew tobacco	PARSMK	
ci5alcm	CI: Age 5 - mother drink alcohol	PARALC	
ci5alcd	CI: Age 5 - father drink alcohol	PARALC	
ci5tvm	CI: Age 5 - mother watch television	PARTV	
ci5tvd	CI: Age 5 - father watch television	PARTV	
ci5edum	CI: Age 5 - mother education	PARED	
ci5edud	CI: Age 5 - father education	PARED	

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci10argue	CI: Age 10 - parents argue	FAM14	
ci10alngm	CI: Age 10 - get along with mother		
ci10alngd	CI: Age 10 - get along with father		
ci10alngs	CI: Age 10 - get along with brothers and sisters		
ci10unsup	CI: Age 10 - parents leave unsupervised	CIFRQ14	
ci10eatdin	CI: Age 10 - family eats dinner together		
ci10shaff	CI: Age 10 - parents show you affection		
ci10hug	CI: Age 10 - parents hug you		
ci10laugh	CI: Age 10 - laugh together		
ci10praise	CI: Age 10 - parents praise you		
ci10school	CI: Age 10 - parents show concern for your school work		
ci10actfam	CI: Age 10 - free time engaged in activities with family		
ci10doown	CI: Age 10 - do things on your own		
ci10liked	CI: Age 10 - liked by other children		
ci10vaca	CI: Age 10 - "out of town" vacations with family	YES/NO	
ci10dent	CI: Age 10 - dental check-up	YES/NO	
ci10phys	CI: Age 10 - regular physician	YES/NO	
ci10bookm	CI: Age 10 - mother reading a book	PARRD	
ci10bookd	CI: Age 10 - father reading a book	PARRD	
ci10paper	CI: Age 10 - newspaper delivered	YES/NO	
ci10gun	CI: Age 10 - have gun in home	YES/NO	
ci10police	CI: Age 10 - have contact with police	CIFRQ14	
ci10hlth	CI: Age 10 - eat fruits and vegetables	CIFRQ14	
ci10frtveg	CI: Age 10 - general health	CIHLTH	
ci10tbccm	CI: Age 10 - mother smoke or chew tobacco	PARSMK	
ci10tbccd	CI: Age 10 - father smoke or chew tobacco	PARSMK	
ci10alcm	CI: Age 10 - mother drink alcohol	PARALC	
ci10alcd	CI: Age 10 - father drink alcohol	PARALC	
ci10tvm	CI: Age 10 - mother watch television	PARTV	
ci10tvd	CI: Age 10 - father watch television	PARTV	
ci10edum	CI: Age 10 - mother education	PARED	
ci10edud	CI: Age 10 - father education	PARED	

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci15argue	CI: Age 15 - parents argue	FAM14	
ci15alngm	CI: Age 15 - get along with mother		
ci15alngd	CI: Age 15 - get along with father		
ci15alngs	CI: Age 15 - get along with brothers and sisters		
ci15unsup	CI: Age 15 - parents leave unsupervised	CIFRQ14	
ci15eatdin	CI: Age 15 - family eats dinner together		
ci15shaff	CI: Age 15 - parents show you affection		
ci15hug	CI: Age 15 - parents hug you		
ci15laugh	CI: Age 15 - laugh together		
ci15praise	CI: Age 15 - parents praise you		
ci15school	CI: Age 15 - parents show concern for your school work		
ci15actfam	CI: Age 15 - free time engaged in activities with family		
ci15doown	CI: Age 15 - do things on your own		
ci15liked	CI: Age 15 - liked by other children		
ci15vaca	CI: Age 15 - "out of town" vacations with family	YES/NO	
ci15dent	CI: Age 15 - dental check-up	YES/NO	
ci15phys	CI: Age 15 - regular physician	YES/NO	
ci15bookm	CI: Age 15 - mother reading a book	PARRD	
ci15bookd	CI: Age 15 - father reading a book	PARRD	
ci15paper	CI: Age 15 - newspaper delivered	YES/NO	
ci15gun	CI: Age 15 - have gun in home	YES/NO	
ci15police	CI: Age 15 - have contact with police	CIFRQ14	
ci15hlth	CI: Age 15 - eat fruits and vegetables	CIFRQ14	
ci15frtveg	CI: Age 15 - general health	CIHLTH	
ci15tbccm	CI: Age 15 - mother smoke or chew tobacco	PARSMK	
ci15tbccd	CI: Age 15 - father smoke or chew tobacco	PARSMK	
ci15alcm	CI: Age 15 - mother drink alcohol	PARALC	
ci15alcd	CI: Age 15 - father drink alcohol	PARALC	
ci15tvm	CI: Age 15 - mother watch television	PARTV	
ci15tvd	CI: Age 15 - father watch television	PARTV	
ci15edum	CI: Age 15 - mother education	PARED	
ci15edud	CI: Age 15 - father education	PARED	

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ci.move1_5	CI: how many times move age 1-5	MOVE	
ci.move6_14	CI: how many times move age 6-14	MOVE	
ci.move15_18	CI: how many times move age 15-18	MOVE	
ci.dvrcd	CI: parents separated or divorced	YES/NO	
ci.dvrcdyr	CI: age when parents separated or divorced		
ci.happym	CI: mother a happy and cheerful person	CIFRQ14	
ci.happyd	CI: father a happy and cheerful person	CIFRQ14	
fes	*****FAMILY ENVIRONMENT SCALE*****		
fes1	FES: item #1	FES15	
fes2	FES: item #2		
fes3	FES: item #3		
fes4	FES: item #4		
fes5	FES: item #5		
fes6	FES: item #6		
fes7	FES: item #7		
fes8	FES: item #8		
fes9	FES: item #9		
fes10	FES: item #10		
fes11	FES: item #11		
fes12	FES: item #12		
fes13	FES: item #13		
fes14	FES: item #14		
fes15	FES: item #15		
fes16	FES: item #16		
fes17	FES: item #17		
fes18	FES: item #18		
fes19	FES: item #19		
fes20	FES: item #20		
fes21	FES: item #21		
fes22	FES: item #22		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
fes23	FES: item #23	FES15	
fes24	FES: item #24		
fes25	FES: item #25		
fes3_r	FES: item #3 - reversed	FES15R	
fes5_r	FES: item #5 - reversed		
fes6_r	FES: item #6 - reversed		
fes9_r	FES: item #9 - reversed		
fes14_r	FES: item #14 - reversed		
fes16_r	FES: item #16 - reversed		
fes.cohes	FES: Cohesion Subscale		All scales are computed by summing the component items. Additional details on the exact items comprising each of the five subscores can be obtained by consulting Moos & Moos (1994).
fes.expres	FES: Expressiveness Subscale		
fes.conflict	FES: Conflict Subscale		
fes.organ	FES: Organization Subscale		
fes.contrl	FES: Control Subscale		
fes.relat_tot	FES: Total Relationship Dimension Score		fes.relat_tot = fes_cohes + fes_expres + (mean.4((6-fes2), fes3, fes9, (6-fes12), (6-fes20))*5).
fes.sysmain_tot	FES: Total System Maintenance Dimension Score		fes.sysmain_tot = sum.2(fes.organ, fes.contrl)
pbi	*****PARENTAL BONDING INSTRUMENT*****		
pbi.help	PBI: did not help as much as needed	PBI14	
pbi.letdo	PBI: let me do things I liked doing		
pbi.cold	PBI: emotionally cold to me		
pbi.undr	PBI: understand problems and worries		
pbi.affctn	PBI: affectionate to me		
pbi.owndec	PBI: like me to make my own decisions		
pbi.contrl	PBI: tried to control everything I did		
pbi.baby	PBI: tended to baby me		
pbi.needs	PBI: did not understand what I wanted and needed		
pbi.letdec	PBI: let me decided things for myself		
pbi.feelbet	PBI: make me feel better when upset		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pbi.ovrprot	PBI: were overprotective	PBI14	
pbi.undr_r	PBI: understand problems and worries - reversed	PBI14R	
pbi.affctn_r	PBI: affectionate to me - reversed		
pbi.contrl_r	PBI: tried to control everything I did - reversed		
pbi.baby_r	PBI: tended to baby me - reversed		
pbi.feelbet_r	PBI: make me feel better when upset - reversed		
pbi.ovrprot_r	PBI: were overprotective - reversed		
pbi.carescr	PBI: Total Care Dimension Score		pbi.carescr = mean.5(pbi.help, pbi.cold, pbi.undr_r, pbi.affctn_r, pbi.needs, pbi.feelbet_r)*6.
pbi.ovrprotscr	PBI: Total Overprotection Dimension Score		pbi.ovrprotscr = mean.5(pbi.letdo, pbi.owndec, pbi.contrl_r, pbi.baby_r, pbi.letdec, pbi.ovrprot_r)*6.
pbi.total	PBI: Total Parental Bonding Score		pbi.total = pbi.carescr + (5-pbi.letdo) + (5-pbi.owndec) + pbi.contrl + pbi.baby + (5-pbi.letdec) + pbi.ovrprot.
psp	*****PARENTAL SOCIAL PARTICIPATION*****		
psp5.goout	PSP: parents go out with friends age 5	PSP15	
psp5.over	PSP: parents have friends over age 5		
psp5.clubs	PSP: go to meetings of clubs age 5		
psp5.chrchmom	PSP: mother go to church or temple age 5		
psp5.chrchdad	PSP: father go to church or temple age 5		
psp10.goout	PSP: parents go out with friends age 10		
psp10.over	PSP: parents have friends over age 10		
psp10.clubs	PSP: go to meetings of clubs age 10		
psp10.chrchmom	PSP: mother go to church or temple age 10		
psp10.chrchdad	PSP: father go to church or temple age 10		
psp15.goout	PSP: parents go out with friends age 15		
psp15.over	PSP: parents have friends over age 15		
psp15.clubs	PSP: go to meetings of clubs age 15		
psp15.chrchmom	PSP: mother go to church or temple age 15		
psp15.chrchdad	PSP: father go to church or temple age 15		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
psp5.total	PSP: Parental Social Participation, Age 5		psp5.total = mean.4(psp5.goout, psp5.over, psp5.clubs, psp5.chrchmom, psp5.chrchdad)*5.
psp10.total	PSP: Parental Social Participation, Age 10		psp10.total = mean.4(psp10.goout, psp10.over, psp10.clubs, psp10.chrchmom, psp10.chrchdad)*5.
psp15.total	PSP: Parental Social Participation, Age 15		psp15.total = mean.4(psp15.goout, psp15.over, psp15.clubs, psp15.chrchmom, psp15.chrchdad)*5.
psp.total_avg	PSP: Avg Parental Social Participation across ages 5, 10, & 15		psp.total_avg = mean.3(psptot_5, psptot_10, psptot_15).
rfq	*****RISKY FAMILIES QUESTIONNAIRE*****		
rf.love	RF: feel loved supported and cared for	RF15	
rf.thrt	RF: swear insult put down or make feel threatened		
rf.affctn	RF: physical affection		
rf.push	RF: push grab shove or slap		
rf.violnt	RF: behaved violently toward a family member		
rf.parntsarg	RF: quarreling arguing shouting parents		
rf.paryouarg	RF: quarreling arguing shouting parent and you		
rf.parsibarg	RF: quarreling arguing shouting parent and sibling		
rf.yousibarg	RF: quarreling arguing shouting sibling and you		
rf.chaotic	RF: chaotic and disorganized		
rf.alcdrug	RF: problem drinker alcoholic or street drugs		
rf.org	RF: well organized well managed		
rf.neglct	RF: neglected or left on your own to fend for yourself		
rf.love_r	RF: feel loved supported and cared for - reversed	RF15R	
rf.affctn_r	RF: physical affection - reversed		
rf.org_r	RF: well organized well managed - reversed		
rf.total	RF: Risky Families Questionnaire Total Score		rf.total = mean.10(rf.love_r, rf.thrt, rf.affctn_r, rf.push, rf.violnt, rf.parntsarg, rf.paryouarg, rf.parsibarg, rf.yousibarg, rf.chaotic, rf.alcdrug, rf.org_r, rf.neglct)*13.

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
recaps	***RECALLED CHILDHOOD/ADOLESCENCE PERCEIVED STRESS***		
recaps5	ReCAPS: Age 5 - overall stress compared to others your age		
recaps10	ReCAPS: Age 10 - overall stress compared to others your age		
recaps15	ReCAPS: Age 15 - overall stress compared to others your age		
recaps_avg	ReCAPS: Average perceived stress across ages 5, 10, and 15		recaps_avg = mean.3(recaps5, recaps10, recaps15).
pli	*****PLACES YOU'VE LIVED INTERVIEW*****		
pli5.city	PLI: town or city (and state) live in age 5		
pli5.type	PLI: home located in city suburb small town rural age 5	PLTYPE	
pli5.traffic	PLI: was there a lot of automobile traffic on your street age 5	YES/NO	
pli5.strtpr	PLI: was the condition of the street very poor age 5	YES/NO	
pli5.noisy	PLI: was the street very noisy age 5	YES/NO	
pli5.trees	PLI: was the street lined with trees age 5	YES/NO	
pli5.graffiti	PLI: was there graffiti on buildings signs or walls age 5	YES/NO	
pli5.litter	PLI: was there often litter on the street yard or alley age 5	YES/NO	
pli5.cndhse	PLI: rate condition of house or apartment age 5	PLHSE	
pli5.safe	PLI: street considered safe age 5	PLFRQ	
pli5.friends	PLI: have friends in the neighborhood age 5	PLFRQ	
pli5.adltngh	PLI: adult neighbors watch out for you age 5	PLFRQ	
pli5.frndly	PLI: people in neighborhood friendly age 5	PLFRQ	
pli5.violent	PLI: how often observe violent acts age 5	PLFRQ	
pli5.drgsalc	PLI: how often see people using drugs or alcohol age 5	PLFRQ	
pli5.playout	PLI: parents let you play outside age 5	PLFRQ	
pli10.city	PLI: town or city (and state) live in age 10		
pli10.type	PLI: home located in city suburb small town rural age 10	PLTYPE	
pli10.traffic	PLI: was there a lot of automobile traffic on your street age 10	YES/NO	
pli10.strtpr	PLI: was the condition of the street very poor age 10	YES/NO	
pli10.noisy	PLI: was the street very noisy age 10	YES/NO	
pli10.trees	PLI: was the street lined with trees age 10	YES/NO	
pli10.graffiti	PLI: was there graffiti on buildings signs or walls age 10	YES/NO	
pli10.litter	PLI: was there often litter on the street yard or alley age 10	YES/NO	

CHILDHOOD EXPERIENCES

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pli10.cndhse	PLI: rate condition of house or apartment age 10	PLHSE	
pli10.safe	PLI: street considered safe age 10	PLFRQ	
pli10.friends	PLI: have friends in the neighborhood age 10	PLFRQ	
pli10.adltngh	PLI: adult neighbors watch out for you age 10	PLFRQ	
pli10.frndly	PLI: people in neighborhood friendly age 10	PLFRQ	
pli10.violent	PLI: how often observe violent acts age 10	PLFRQ	
pli10.drgsalc	PLI: how often see people using drugs or alcohol age 10	PLFRQ	
pli10.playout	PLI: parents let you play outside age 10	PLFRQ	
pli15.city	PLI: town or city (and state) live in age 15		
pli15.type	PLI: home located in city suburb small town rural age 15	PLTYPE	
pli15.traffic	PLI: was there a lot of automobile traffic on your street age 15	YES/NO	
pli15.strtpr	PLI: was the condition of the street very poor age 15	YES/NO	
pli15.noisy	PLI: was the street very noisy age 15	YES/NO	
pli15.trees	PLI: was the street lined with trees age 15	YES/NO	
pli15.graffiti	PLI: was there graffiti on buildings signs or walls age 15	YES/NO	
pli15.litter	PLI: was there often litter on the street yard or alley age 15	YES/NO	
pli15.cndhse	PLI: rate condition of house or apartment age 15	PLHSE	
pli15.safe	PLI: street considered safe age 15	PLFRQ	
pli15.friends	PLI: have friends in the neighborhood age 15	PLFRQ	
pli15.adltngh	PLI: adult neighbors watch out for you age 15	PLFRQ	
pli15.frndly	PLI: people in neighborhood friendly age 15	PLFRQ	
pli15.violent	PLI: how often observe violent acts age 15	PLFRQ	
pli15.drgsalc	PLI: how often see people using drugs or alcohol age 15	PLFRQ	
pli15.playout	PLI: parents let you play outside age 15	PLFRQ	
pli5.trees_r	PLI: was the street lined with trees age 5 - reversed	YES/NOR	
pli5.violent_r	PLI: how often observe violent acts age 5 - reversed	PLFRQR	
pli5.drgsalc_r	PLI: how often see people using drugs or alcohol age 5 - (rev)	PLFRQR	
pli10.trees_r	PLI: was the street lined with trees age 10 - reversed	YES/NOR	
pli10.violent_r	PLI: how often observe violent acts age 10 - reversed	PLFRQR	
pli10.drgsalc_r	PLI: how often see people using drugs/alcohol age 10 - (rev)	PLFRQR	

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pli15.trees_r	PLI: was the street lined with trees age 15 - reversed	YES/NOR	
pli15.violent_r	PLI: how often observe violent acts age 15 - reversed	PLFRQR	
pli15.drgsalc_r	PLI: how often see people using drugs/alcohol age 15 – (rev)	PLFRQR	
pli5.physical	PLI: Age 5 total neighborhood poor physical environment		pli5.physical = mean.5(pli5.traffic, pli5.strtpr, pli5.noisy, pli5.graffiti, pli5.litter, pli5.trees_r)*6.
pli5.social	PLI: Age 5 total neighborhood social environment		pli5.social = (pli5.friends, pli5.adltngh, pli5.frndly, pli5.playout)*4.
pli5.safety	PLI: Age 5 total neighborhood safety		pli5.safety = mean.2(pli5.safe, pli5.violent_r, pli5.drgsalc_r)*3.
pli10.physical	PLI: Age 10 total neighborhood poor physical environment		pli10.physical = mean.5(pli10.traffic, pli10.strtpr, pli10.noisy, pli10.graffiti, pli10.litter, pli10.trees_r)*6.
pli10.social	PLI: Age 10 total neighborhood social environment		pli10.social=(pli10.friends,pli10.adltngh, pli10.frndly, pli10.playout)*4.
pli10.safety	PLI: Age 10 total neighborhood safety		pli10.safety = mean.2(pli10.safe, pli10.violent_r, pli10.drgsalc_r)*3.
pli15.physical	PLI: Age 15 total neighborhood poor physical environment		pli15.physical = mean.5(pli15.traffic, pli15.strtpr, pli15.noisy, pli15.graffiti, pli15.litter, pli15.trees_r)*6.
pli15.social	PLI: Age 15 total neighborhood social environment		pli15.social=(pli15.friends,pli15.adltngh, pli15.frndly, pli15.playout)*4.
pli15.safety	PLI: Age 15 total unsafe neighborhood		pli15.safety = mean.2(pli15.safe, pli15.violent_r, pli15.drgsalc_r)*3.
pli.physical_avg	PLI: Avg neighborhood physical environment across ages 5, 10, & 15		pli.physical_avg = mean.3(pli5.physical, pli10.physical, pli15.physical).
pli.social_avg	PLI: Avg neighborhood social environment across ages 5, 10, & 15		pli.social_avg = mean.3(pli5.social, pli10.social, pli15.social).
pli.safety_avg	PLI: Average neighborhood safety across ages 5, 10, and 15		pli.safety_avg = mean.3(pli5.safety, pli10.safety, pli15.safety).
csubses	*****CHILDHOOD SUBJECTIVE SES*****		
sescom_mom	CI: ses ladder mother stand in community		
sescom_dad	CI: ses ladder father stand in community		
sesusa_mom	CI: ses ladder mother stand in US		
sesusa_dad	CI: ses ladder father stand in US		

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
BDRM	1	FAM14	1=never	PARSMK	1=10 or more cigarettes a day
	2		2=some of the time		2=1-10 cigarettes a day
	3		3=most of the time		3=at least once a week but not daily
	4		4=all of the time		4=never
	5		777=not sure (missing)		777=don't know (missing)
	6		888=lived apart and never spoke (missing)		888=not applicable (missing)
	7=7 or more		999=refused/missing (missing)		999=refused/missing (missing)
YES/NO	0=no	PARRD	1=never	PARALC	1=more than 4 drinks a day
	1=yes		2=read often		2=2-4 drinks a day
			3=read sometimes, but seldom		3=1-2 drinks a day
CAR	0=did not own a working motor vehicle		777=don't know (missing)		4=less than 1 drink a day
	1=owned one motor vehicle		888=not applicable (missing)		5=never
	2=owned 2 or more motor vehicles		999=refused/missing (missing)		777=don't know (missing)
					888=not applicable (missing)
SUPAD	0=no supervisory adults	CIFRQ14	1=all the time		999=refused/missing (missing)
	1=one supervisory adult		2=most of the time		
	2=two or more supervisory adults		3=some of the time	PARTV	1=more than 4 hours a day
			4=never		2=2-4 hours a day
SERILL	1=neither		777=not sure (missing)		3=less than 2 hrs but at least once a day
	2=mental		999=refused/missing (missing)		4=at least once a week
	3=physical				5=less than a weekly basis
	4=both	CIHLTH	1=excellent		6=never
			2=very good		777=don't know (missing)
PARJOB	1=blue collar		3=good		888=not applicable (missing)
	2=white collar		4=fair		999=refused/missing (missing)
	3=homemaker		5=poor		
	4=unemployed but seeking work				
	5=retired				

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
PARED	1=Didn't finish high school	PBI14	1=very like	STRS16	1=much less stress
	2=Didn't finish HS, completed VO/TECH progam		2=moderately like		2=less stress
	3=Completed high school		3=moderately unlike		3=slightly less stress
	4=Completed HS & VO/TECH program		4=very unlike		4=slightly more stress
	5=Completed fewer than 2 years college				5=more stress
	6= Completed ≥2 years & earned Assoc degree	PBI14R	1=very unlike		6=much more stress
	7=Earned a Bachelor's degree		2=moderately unlike		
	8=Earned a Master's degree		3=moderately like	PLTYPE	1=city
	9=Earned PhD, MD, or other higher degree		4=very like		2=suburb
	777=don't know (missing)				3=small town
	888=not applicable (missing)	PSP15	1=less than once a month		4=rural community
	999=refused/missing (missing)		2=once a month		
			3=once every 2 or 3 weeks	PLHSE	1=very well kept/good condition; attractive for its type
MOVE	1=never		4=once a week		2=moderately well kept condition
	2=at least 1 time		5=more than once a week		3=fair condition (peeling paint, needs repair)
	3=at least 2 times				4=poor/badly deteriorated condition
	4= more than 2 times	RF15	1=not at all		
			2=(hardly at all)	PLFRQ	1=all the time
FES15	1=strongly disagree		3=(sometimes)		2=often
	2=disagree		4=(often)		3=occasionally
	3=neutral		5=very often		4=never
	4=agree				
	5=strongly agree	RF15R	1=very often	YES/NOR	0=yes
			2=(often)		1=no
FES15R	1=strongly agree		3=(sometimes)		
	2=agree		4=(hardly at all)	PLFRQR	1=never
	3=neutral		5=not at all		2=occasionally
	4=disagree				3=often
	5=strongly disagree				4=all the time

REFERENCE: Moos, R. H., & Moos, B. S. (1994). *Family environment scale manual*. Consulting Psychologists Press.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
panas	*****POSITIVE AND NEGATIVE AFFECT SCHEDULE*****		
pnas.chrfl	PANAS-X: cheerful	PNAS15	
pnas.dsgst	PANAS-X: disgusted		
pnas.attnt	PANAS-X: attentive		
pnas.bshfl	PANAS-X: bashful		
pnas.slgg	PANAS-X: sluggish		
pnas.drng	PANAS-X: daring		
pnas.srprs	PANAS-X: surprised		
pnas.strng	PANAS-X: strong		
pnas.scrnfl	PANAS-X: scornful		
pnas.rlxd	PANAS-X: relaxed		
pnas.irrtb	PANAS-X: irritable		
pnas.dltd	PANAS-X: delighted		
pnas.inspr	PANAS-X: inspired		
pnas.frls	PANAS-X: fearless		
pnas.dsgws	PANAS-X: disgusted with self		
pnas.sad	PANAS-X: sad		
pnas.clm	PANAS-X: calm		
pnas.afrd	PANAS-X: afraid		
pnas.trd	PANAS-X: tired		
pnas.amzd	PANAS-X: amazed		
pnas.shky	PANAS-X: shaky		
pnas.hppy	PANAS-X: happy		
pnas.tmd	PANAS-X: timid		
pnas.aln	PANAS-X: alone		
pnas.alrt	PANAS-X: alert		
pnas.upst	PANAS-X: upset		
pnas.angr	PANAS-X: angry		
pnas.bld	PANAS-X: bold		
pnas.blu	PANAS-X: blue		
pnas.shy	PANAS-X: shy		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pnas.actv	PANAS-X: active	PNAS15	
pnas.glty	PANAS-X: guilty		
pnas.jyfl	PANAS-X: joyful		
pnas.nrvs	PANAS-X: nervous		
pnas.lnly	PANAS-X: lonely		
pnas.slpy	PANAS-X: sleepy		
pnas.exctd	PANAS-X: excited		
pnas.hstl	PANAS-X: hostile		
pnas.prd	PANAS-X: proud		
pnas.jttry	PANAS-X: jittery		
pnas.lvly	PANAS-X: lively		
pnas.ashmd	PANAS-X: ashamed		
pnas.atease	PANAS-X: at ease		
pnas.scrd	PANAS-X: scared		
pnas.drwsy	PANAS-X: drowsy		
pnas.angslf	PANAS-X: angry at self		
pnas.enths	PANAS-X: enthusiastic		
pnas.dwnhrt	PANAS-X: downheartened		
pnas.shpsh	PANAS-X: sheepish		
pnas.dstrsd	PANAS-X: distressed		
pnas.blmwrt	PANAS-X: blameworthy		
pnas.dtrmnd	PANAS-X: determined		
pnas.frtnd	PANAS-X: frightened		
pnas.astnsh	PANAS-X: astonished		
pnas.intrsted	PANAS-X: interested		
pnas.lthng	PANAS-X: loathing		
pnas.cnfdt	PANAS-X: confident		
pnas.enrgtc	PANAS-X: energetic		
pnas.cncntr	PANAS-X: concentrating		
pnas.dssws	PANAS-X: dissatisfied with self		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pnas.fearscr	PANAS-X: fear subscale score		pnas.fearscr = sum.6(pnas.afrd, pnas.scrd, pnas.frtnd, pnas.nrvs, pnas.jttry, pnas.shky).
pnas.hostscr	PANAS-X: hostility subscale score		pnas.hostscr = sum.6(pnas.angr, pnas.hstl, pnas.irrtb, pnas.scrnfl, pnas.dsgst, pnas.lthng).
pnas.guiltscr	PANAS-X: guilt subscale score		pnas.guiltscr = sum.6(pnas.glty, pnas.ashmd, pnas.blmwrt, pnas.angslf, pnas.dsgws, pnas.dssws).
pnas.sadscr	PANAS-X: sadness subscale score		pnas.sadscr = sum.5(pnas.sad, pnas.blu, pnas.dwnhrt, pnas.aln, pnas.lnly).
pnas.jovscr	PANAS-X: joviality subscale score		pnas.jovscr = sum.8(pnas.hppy, pnas.jyfl, pnas.dltd, pnas.chrfl, pnas.exctd, pnas.enths, pnas.lvly, pnas.enrgtc)
pnas.selfscr	PANAS-X: self-assurance subscale score		pnas.selfscr = sum.6(pnas.prd, pnas.strng, pnas.cnfdt, pnas.bld, pnas.drng, pnas.frls).
pnas.attntscr	PANAS-X: attentiveness subscale score		pnas.attntscr = sum.4(pnas.alrt, pnas.attnt, pnas.cncntr, pnas.dtrmnd).
pnas.shyscr	PANAS-X: shyness subscale score		pnas.shyscr = sum.4(pnas.shy, pnas.bshfl, pnas.shpsh, pnas.tmd).
pnas.fatgscr	PANAS-X: fatigue subscale score		pnas.fatgscr = sum.4(pnas.slpy, pnas.trd, pnas.slgg, pnas.drwsy).
pnas.serenscr	PANAS-X: serenity subscale score		pnas.serenscr = sum.3(pnas.clm, pnas.rlxd, pnas.atease).
pnas.surpscr	PANAS-X: surprise subscale score		pnas.surpscr = sum.3(pnas.amzd, pnas.srprs, pnas.astnsh).
pnas.negaf	PANAS-X: trait negative affect		pnas.negaf = sum.10(pnas.afrd, pnas.scrd, pnas.nrvs, pnas.jttry, pnas.irrtb, pnas.hstl, pnas.glty, pnas.ashmd, pnas.upst, pnas.dstrsd).
pnas.posaf	PANAS-X: trait positive affect		pnas.posaf = sum.10(pnas.actv, pnas.alrt, pnas.attnt, pnas.dtrmnd, pnas.enths, pnas.exctd, pnas.inspr, pnas.intrsted, pnas.prd, pnas.strng).
taq	*****TRAIT ADJECTIVE QUESTIONNAIRE*****		
taq.slugg.1	TAQ (7-8 wks pre-Quarantine): sluggish	ACC04	
taq.happy.1	TAQ (7-8 wks pre-Quarantine): happy		
taq.hostl.1	TAQ (7-8 wks pre-Quarantine): hostile		
taq.ease.1	TAQ (7-8 wks pre-Quarantine): at ease		
taq.unhpy.1	TAQ (7-8 wks pre-Quarantine): unhappy		
taq.fpep.1	TAQ (7-8 wks pre-Quarantine): full of pep		
taq.fear.1	TAQ (7-8 wks pre-Quarantine): fearful		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
taq.tired.1	TAQ (7-8 wks pre-Quarantine): tired	ACC04	
taq.edge.1	TAQ (7-8 wks pre-Quarantine): on edge		
taq.enrg.1	TAQ (7-8 wks pre-Quarantine): energetic		
taq.deprs.1	TAQ (7-8 wks pre-Quarantine): depressed		
taq.nervs.1	TAQ (7-8 wks pre-Quarantine): nervous		
taq.plsd.1	TAQ (7-8 wks pre-Quarantine): pleased		
taq.sad.1	TAQ (7-8 wks pre-Quarantine): sad		
taq.frgh.1	TAQ (7-8 wks pre-Quarantine): frightened		
taq.slpy.1	TAQ (7-8 wks pre-Quarantine): sleepy		
taq.calm.1	TAQ (7-8 wks pre-Quarantine): calm		
taq.afraid.1	TAQ (7-8 wks pre-Quarantine): afraid		
taq.ang.1	TAQ (7-8 wks pre-Quarantine): angry		
taq.lvly.1	TAQ (7-8 wks pre-Quarantine): lively		
taq.tense.1	TAQ (7-8 wks pre-Quarantine): tense		
taq.chrfl.1	TAQ (7-8 wks pre-Quarantine): cheerful		
taq.fatg.1	TAQ (7-8 wks pre-Quarantine): fatigued		
taq.rlxd.1	TAQ (7-8 wks pre-Quarantine): relaxed		
taq.rsntfl.1	TAQ (7-8 wks pre-Quarantine): resentful		
taq.slugg.2	TAQ (Quarantine Day 0): sluggish		
taq.happy.2	TAQ (Quarantine Day 0): happy		
taq.hostl.2	TAQ (Quarantine Day 0): hostile		
taq.ease.2	TAQ (Quarantine Day 0): at ease		
taq.unhpy.2	TAQ (Quarantine Day 0): unhappy		
taq.fpep.2	TAQ (Quarantine Day 0): full of pep		
taq.fear.2	TAQ (Quarantine Day 0): fearful		
taq.tired.2	TAQ (Quarantine Day 0): tired		
taq.edge.2	TAQ (Quarantine Day 0): on edge		
taq.enrg.2	TAQ (Quarantine Day 0): energetic		
taq.deprs.2	TAQ (Quarantine Day 0): depressed		
taq.nervs.2	TAQ (Quarantine Day 0): nervous		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
taq.plsd.2	TAQ (Quarantine Day 0): pleased	ACC04	
taq.sad.2	TAQ (Quarantine Day 0): sad		
taq.frgh.2	TAQ (Quarantine Day 0): frightened		
taq.slpy.2	TAQ (Quarantine Day 0): sleepy		
taq.calm.2	TAQ (Quarantine Day 0): calm		
taq.afraid.2	TAQ (Quarantine Day 0): afraid		
taq.ang.2	TAQ (Quarantine Day 0): angry		
taq.lvly.2	TAQ (Quarantine Day 0): lively		
taq.tense.2	TAQ (Quarantine Day 0): tense		
taq.chrfl.2	TAQ (Quarantine Day 0): cheerful		
taq.fatg.2	TAQ (Quarantine Day 0): fatigued		
taq.rlxd.2	TAQ (Quarantine Day 0): relaxed		
taq.rsntfl.2	TAQ (Quarantine Day 0): resentful		
tas	*****TRAIT AFFECT SCALE*****		
tas.calmscr.1	TAS: Calm Subscale Score (7-8 wks pre-Quarantine)		tas.calmscr.1 = mean.2(taq.ease.1, taq.calm.1, taq.rlxd.1)*3
tas.wlbgscr.1	TAS: Well-Being Subscale Score (7-8 wks pre-Quarantine)		tas.wlbgscr.1 = mean.2(taq.happy.1, taq.plsd.1, taq.chrfl.1)*3
tas.vigscr.1	TAS: Vigor Subscale Score (7-8 wks pre-Quarantine)		tas.vigscr.1 = mean.2(taq.fpep.1, taq.enrg.1, taq.lvly.1)*3
tas.angscr.1	TAS: Anger Subscale Score (7-8 wks pre-Quarantine)		tas.angscr.1 = mean.2(taq.hostl.1, taq.ang.1, taq.rsntfl.1)*3
tas.anxscr.1	TAS: Anxiety Subscale Score (7-8 wks pre-Quarantine)		tas.anxscr.1 = mean.2(taq.edge.1, taq.nervs.1, taq.tense.1)*3
tas.dprsscr.1	TAS: Depression Subscale Score (7-8 wks pre-Quarantine)		tas.dprsscr.1 = mean.2(taq.unhpy.1, taq.deprs.1, taq.sad.1)*3
tas.fatgscr.1	TAS: Fatigue Subscale Score (7-8 wks pre-Quarantine)		tas.fatgscr.1 = mean.3(taq.slugg.1, taq.tired.1, taq.slpy.1, taq.fatg.1)*4
tas.fearscr.1	TAS: Fear Subscale Score (7-8 wks pre-Quarantine)		tas.fearscr.1 = mean.2(taq.fear.1, taq.frgh.1, taq.afraid.1)*3
tas.posaf.1	TAS: Trait Affect Scale - Trait Postive Affect (7-8 wks pre-Q'rntine)		tas.posaf.1 = sum.3(tas.calmscr.1, tas.wlbgscr.1, tas.vigscr.1)
tas.negaf.1	TAS: Trait Affect Scale - Trait Negative Affect (7-8 wks pre-Q'rntine)		tas.negaf.1 = sum.3(tas.angscr.1, tas.anxscr.1, tas.dprsscr.1)
tas.negftg.1	TAS: Trait Affect Scale - Trait NA + Fatigue (7-8 wks pre-Q'rntine)		tas.negftg.1 = sum.4(tas.angscr.1, tas.anxscr.1, tas.dprsscr.1, tas.fatgscr.1)
tas.calmscr.2	TAS: Calm Subscale Score (Quarantine Day 0)		tas.calmscr.2 = mean.2(taq.ease.2, taq.calm.2, taq.rlxd.2)*3
tas.wlbgscr.2	TAS: Well-Being Subscale Score (Quarantine Day 0)		tas.wlbgscr.2 = mean.2(taq.happy.2, taq.plsd.2, taq.chrfl.2)*3

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
tas.vigscr.2	TAS: Vigor Subscale Score (Quarantine Day 0)		tas.vigscr.2 = mean.2(taq.fpep.2, taq.enrg.2, taq.lvly.2)*3
tas.angscr.2	TAS: Anger Subscale Score (Quarantine Day 0)		tas.angscr.2 = mean.2(taq.hostl.2, taq.ang.2, taq.rsntfl.2)*3
tas.anxscr.2	TAS: Anxiety Subscale Score (Quarantine Day 0)		tas.anxscr.2 = mean.2(taq.edge.2, taq.nervs.2, taq.tense.2)*3
tas.dprsscr.2	TAS: Depression Subscale Score (Quarantine Day 0)		tas.dprsscr.2 = mean.2(taq.unhpy.2, taq.deprs.2, taq.sad.2)*3
tas.fatgscr.2	TAS: Fatigue Subscale Score (Quarantine Day 0)		tas.fatgscr.2 = mean.3(taq.slugg.2, taq.tired.2, taq.slpy.2, taq.fatg.2)*4
tas.fearscr.2	TAS: Fear Subscale Score (Quarantine Day 0)		tas.fearscr.2 = mean.2(taq.fear.2, taq.frgh.2, taq.afraid.2)*3
tas.posaf.2	TAS: Trait Affect Scale - Trait Postive Affect (Quarantine Day 0)		tas.posaf.2 = sum.3(tas.calmscr.2, tas.wlbgscr.2, tas.vigscr.2)
tas.negaf.2	TAS: Trait Affect Scale - Trait Negative Affect (Quarantine Day 0)		tas.negaf.2 = sum.3(tas.angscr.2, tas.anxscr.2, tas.dprsscr.2)
tas.negftg.2	TAS: Trait Affect Scale - Trait NA + Fatigue (Quarantine Day 0)		tas.negftg.2 = sum.4(tas.angscr.2, tas.anxscr.2, tas.dprsscr.2, tas.fatgscr.2)
tas.calmscr	TAS: Calm Subscale Score (avg of 2 administrations)		tas.calmscr = mean(tas.calmscr.1, tas.calmscr.2)
tas.wlbgscr	TAS: Well-Being Subscale Score (avg of 2 administrations)		tas.wlbgscr = mean(tas.wlbgscr.1, tas.wlbgscr.2)
tas.vigscr	TAS: Vigor Subscale Score (avg of 2 administrations)		tas.vigscr = mean(tas.vigscr.1, tas.vigscr.2)
tas.angscr	TAS: Anger Subscale Score (avg of 2 administrations)		tas.angscr = mean(tas.angscr.1, tas.angscr.2)
tas.anxscr	TAS: Anxiety Subscale Score (avg of 2 administrations)		tas.anxscr = mean(tas.anxscr.1, tas.anxscr.2)
tas.dprsscr	TAS: Depression Subscale Score (avg of 2 administrations)		tas.dprsscr = mean(tas.dprsscr.1, tas.dprsscr.2)
tas.fatgscr	TAS: Fatigue Subscale Score (avg of 2 administrations)		tas.fatgscr = mean(tas.fatgscr.1, tas.fatgscr.2)
tas.fearscr	TAS: Fear Subscale Score (avg of 2 administrations)		tas.fearscr = mean(tas.fearscr.1, tas.fearscr.2)
tas.posaf	TAS: Trait Affect Scale - Trait Postive Affect (avg 2 administrations)		tas.posaf = mean(tas.posaf.1, tas.posaf.2)
tas.negaf	TAS: Trait Affect Scale - Trait Negative Affect (avg 2 admins)		tas.negaf = mean(tas.negaf.1, tas.negaf.2)
tas.negftg	TAS: Trait Affect Scale - Trait NA + Fatigue (avg 2 administrations)		tas.negftg = mean(tas.negftg.1, tas.negftg.2)
intim	*****CLARK MARITAL INTIMACY SCALE*****		
cmi.like	CMI: i like my partner	CMI	
cmi.ident	CMI: easy for me to identify with my partner		
cmi.care	CMI: taking care of partner makes me happy		
cmi.relat	CMI: partner can relate to me		
cmi.diff	CMI: feels as though my partner and I are from different planets		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cmi.doany	CMI: would do anything to help partner	CMI	
cmi.get	CMI: partner often does not seem to get what I say		
cmi.ignor	CMI: my partner ignores complaints		
cmi.triv	CMI: my partner feels my concerns are trivial		
cmi.chang	CMI: many things about my partner I would like to change		
cmi.anyth	CMI: my partner would do anything to help me		
cmi.belv	CMI: my partner believes in me		
cmi.diff_r	CMI: my partner and I are from different planets - (rev)	CMIR	
cmi.get_r	CMI: partner often does not seem to get what I say - (rev)		
cmi.ignor_r	CMI: my partner ignores my complaints - (rev)		
cmi.triv_r	CMI: my partner feels my concerns are trivial - (rev)		
cmi.chang_r	CMI: many things about my partner I would like change – (rev)		
cmi2ciscr	CMI: Intimacy CI (I care) Scale - 2-item		cmi.ciscr = sum.2(cmi.care, cmi.doany) .
cmi2uiscr	CMI: Intimacy UI (I understand) Scale - 2-item		cmi.uiscr = sum.2(cmi.ident, cmi.diff_r) .
cmi2viscr	CMI: Intimacy VI (I value) Scale - 2-item		cmi.viscr = sum.2(cmi.like, cmi.chang_r) .
cmi2ctscr	CMI: Intimacy CT (They [partner] care) Scale - 2-item		cmi.ctscr = sum.2(cmi.ignor_r, cmi.anyth) .
cmi2utscr	CMI: Intimacy UT (They [partner] understand) Scale - 2-item		cmi.utscr = sum.2(cmi.relat, cmi.get_r) .
cmi2vtscr	CMI: Intimacy VT (They [partner] value) Scale - 2-item		cmi.vtscr = sum.2(cmi.triv_r, cmi.belv) .
cmi6totali	CMI: Clark Marital Intimacy Total "I" Scales		cmi.totali = sum.3(cmi.ciscr, cmi.viscr, cmi.uiscr).
cmi6totalt	CMI: Clark Marital Intimacy Total "T" Scales		cmi.totalt = sum.3(cmi.ctscr, cmi.vtscr, cmi.utscr).
ipip	*****IPIP - BIG 5 PERSONALITY CHARACTERISTICS*****		
ipip.ex1.1	IPIP: life of party (1st admin, 3-21 days pre-Quarantine)	ACC15	
ipip.ag1.1	IPIP: feel little concern for others (1st admin, 3-21 days pre-Q'tine)		
ipip.ex1.2	IPIP: don't talk a lot (1st admin, 3-21 days pre-Quarantine)		
ipip.ag1.2	IPIP: interested in people (1st admin, 3-21 days pre-Quarantine)		
ipip.ex1.3	IPIP: comfortable around people (1st admin, 3-21 days pre-Q'tine)		
ipip.ag1.3	IPIP: insult people (1st admin, 3-21 days pre-Quarantine)		
ipip.ex1.4	IPIP: stay in background (1st admin, 3-21 days pre-Quarantine)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ipip.ag1.4	IPIP: sympathize with others' feelings (1st admin, 3-21 days pre-Q')	ACC15	
ipip.ex1.5	IPIP: start conversations (1st admin, 3-21 days pre-Quarantine)		
ipip.ag1.5	IPIP: not interested in others' problems (1st admin, 3-21 days pre-Q')		
ipip.ex1.6	IPIP: have little to say (1st admin, 3-21 days pre-Quarantine)		
ipip.ag1.6	IPIP: have a soft heart (1st admin, 3-21 days pre-Quarantine)		
ipip.ex1.7	IPIP: talk to lots of different people at parties (1st admin, 3-21 days pre-Q')		
ipip.ag1.7	IPIP: not really interested in others (1st admin, 3-21 days pre-Q')		
ipip.ex1.8	IPIP: don't like to draw attention (1st admin, 3-21 days pre-Q'tine)		
ipip.ag1.8	IPIP: take time out for others (1st admin, 3-21 days pre-Q'rntine)		
ipip.ex1.9	IPIP: don't mind being center of attention (1st admin, 3-21 days pre-Q')		
ipip.ag1.9	IPIP: feel others' emotions (1st admin, 3-21 days pre-Quarantine)		
ipip.ex1.10	IPIP: quiet around strangers (1st admin, 3-21 days pre-Quarantine)		
ipip.ag1.10	IPIP: make people feel at ease (1st admin, 3-21 days pre-Q'rntine)		
ipip.ex2.1	IPIP: life of party (2nd admin, Quarantine Day 0)		
ipip.ag2.1	IPIP: feel little concern for others (2nd admin, Quarantine Day 0)		
ipip.co1	IPIP: always prepared		
ipip.em1	IPIP: get stressed out easily		
ipip.op1	IPIP: have a rich vocabulary		
ipip.ex2.2	IPIP: don't talk a lot (2nd admin, Quarantine Day 0)		
ipip.ag2.2	IPIP: interested in people (2nd admin, Quarantine Day 0)		
ipip.co2	IPIP: leave my belongings around		
ipip.em2	IPIP: am relaxed most of the time		
ipip.op2	IPIP: have difficulty understanding abstract ideas		
ipip.ex2.3	IPIP: comfortable around people (2nd admin, Quarantine Day 0)		
ipip.ag2.3	IPIP: insult people (2nd admin, Quarantine Day 0)		
ipip.co3	IPIP: pay attention to details		
ipip.em3	IPIP: worry about things		
ipip.op3	IPIP: have a vivid imagination		
ipip.ex2.4	IPIP: stay in background (2nd admin, Quarantine Day 0)		
ipip.ag2.4	IPIP: sympathize with others' feelings (2nd admin, Q'rntine Day 0)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ipip.co4	IPIP: make a mess of things	ACC15	
ipip.em4	IPIP: seldom feel blue		
ipip.op4	IPIP: am not interested in abstract ideas		
ipip.ex2.5	IPIP: start conversations (2nd admin, Quarantine Day 0)		
ipip.ag2.5	IPIP: not interested in others' problems (2nd admin, Q'tine Day 0)		
ipip.co5	IPIP: get chores done right away		
ipip.em5	IPIP: am easily disturbed		
ipip.op5	IPIP: have excellent ideas		
ipip.ex2.6	IPIP: have little to say (2nd admin, Quarantine Day 0)		
ipip.ag2.6	IPIP: have a soft heart (2nd admin, Quarantine Day 0)		
ipip.co6	IPIP: often forget to put things back in their proper places		
ipip.em6	IPIP: get upset easily		
ipip.op6	IPIP: do not have a good imagination		
ipip.ex2.7	IPIP: talk to lots of different people at parties (2nd admin, Q' Day 0)		
ipip.ag2.7	IPIP: not really interested in others (2nd admin, Quarantine Day 0)		
ipip.co7	IPIP: like order		
ipip.em7	IPIP: change my mood a lot		
ipip.op7	IPIP: am quick to understand things		
ipip.ex2.8	IPIP: don't like to draw attention (2nd admin, Quarantine Day 0)		
ipip.ag2.8	IPIP: take time out for others (2nd admin, Quarantine Day 0)		
ipip.co8	IPIP: avoid doing my duties		
ipip.em8	IPIP: have frequent mood swings		
ipip.op8	IPIP: use difficult words		
ipip.ex2.9	IPIP: don't mind being center of attention (2nd admin, Q' Day 0)		
ipip.ag2.9	IPIP: feel others' emotions (2nd admin, Quarantine Day 0)		
ipip.co9	IPIP: follow a schedule		
ipip.em9	IPIP: get irritated easily		
ipip.op9	IPIP: spend time reflecting on things		
ipip.ex2.10	IPIP: quiet around strangers (2nd admin, Quarantine Day 0)		
ipip.ag2.10	IPIP: make people feel at ease (2nd admin, Quarantine Day 0)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ipip.co10	IPIP: am exacting in my work	ACC15	
ipip.em10	IPIP: often feel blue		
ipip.op10	IPIP: am full of ideas		
ipip.ex1.2_r	IPIP: don't talk a lot (1st admin, 3-21 days pre-Quarantine) – (rev)	ACC15R	
ipip.ex1.4_r	IPIP: stay in background (1st admin, 3-21 days pre-Q'tine) – (rev)		
ipip.ex1.6_r	IPIP: have little to say (1st admin, 3-21 days pre-Q'rntine) – (rev)		
ipip.ex1.8_r	IPIP: don't like to draw attention (1st admin, 3-21 days pre-Q') – (rev)		
ipip.ex1.10_r	IPIP: quiet around strangers (1st admin, 3-21 days pre-Q') – (rev)		
ipip.ex2.2_r	IPIP: don't talk a lot (2nd admin, Quarantine Day 0) – (rev)		
ipip.ex2.4_r	IPIP: stay in background (2nd admin, Quarantine Day 0) - reversed		
ipip.ex2.6_r	IPIP: have little to say (2nd admin, Quarantine Day 0) - reversed		
ipip.ex2.8_r	IPIP: don't like to draw attention (2nd admin, Q'tine Day 0) – (rev)		
ipip.ex2.10_r	IPIP: quiet around strangers (2nd admin, Q'tine Day 0) – (rev)		
ipip.ag1.1_r	IPIP: little concern for others (1st admin, 3-21 days pre-Q') – (rev)		
ipip.ag1.3_r	IPIP: insult people (1st admin, 3-21 days pre-Quarantine) – (rev)		
ipip.ag1.5_r	IPIP: no interest in others' problems (1st admin, 3-21 days pre-Q) – (rev)		
ipip.ag1.7_r	IPIP: no real interest in others (1st admin, 3-21 days pre-Q') – (rev)		
ipip.ag2.1_r	IPIP: feel little concern for others (2nd admin, Q'tine Day 0) – (rev)		
ipip.ag2.3_r	IPIP: insult people (2nd admin, Quarantine Day 0) – (rev)		
ipip.ag2.5_r	IPIP: no interest in others' problems (2nd admin, Q' Day 0) – (rev)		
ipip.ag2.7_r	IPIP: not really interested in others (2nd admin, Q' Day 0) – (rev)		
ipip.em1_r	IPIP: get stressed out easily - (rev)		
ipip.em3_r	IPIP: worry about things - (rev)		
ipip.em5_r	IPIP: am easily disturbed - (rev)		
ipip.em6_r	IPIP: get upset easily - (rev)		
ipip.em7_r	IPIP: change my mood a lot - (rev)		
ipip.em8_r	IPIP: have frequent mood swings - (rev)		
ipip.em9_r	IPIP: get irritated easily - (rev)		
ipip.em10_r	IPIP: often feel blue - (rev)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
ipip.co2_r	IPIP: leave my belongings around - (rev)	ACC15R	
ipip.co4_r	IPIP: make a mess of things - (rev)		
ipip.co6_r	IPIP: often forget to put things back in their proper place - (rev)		
ipip.co8_r	IPIP: avoid doing my duties - (rev)		
ipip.op2_r	IPIP: have difficulty understanding abstract ideas - (rev)		
ipip.op4_r	IPIP: am not interested in abstract ideas - (rev)		
ipip.op6_r	IPIP: do not have a good imagination - (rev)		
ipip.extrscr1	IPIP: Extraversion (1st admin, 3-21 days pre-Quarantine)		ipip.extrscr1 = mean.8(ipip.ex1.1, ipip.ex1.2_r, ipip.ex1.3, ipip.ex1.4_r, ipip.ex1.5, ipip.ex1.6_r, ipip.ex1.7, ipip.ex1.8_r, ipip.ex1.9, ipip.ex1.10_r)*10
ipip.agrbscr1	IPIP: Agreeableness (1st admin, 3-21 days pre-Quarantine)		ipip.agrbscr1 = mean.8(ipip.ag1.1_r, ipip.ag1.2, ipip.ag1.3_r, ipip.ag1.4, ipip.ag1.5_r, ipip.ag1.6, ipip.ag1.7_r, ipip.ag1.8, ipip.ag1.9, ipip.ag1.10)*10
ipip.extrscr2	IPIP: Extraversion (2nd admin, Quarantine Day 0)		ipip.extrscr2 = mean.8(ipip.ex2.1, ipip.ex2.2_r, ipip.ex2.3, ipip.ex2.4_r, ipip.ex2.5, ipip.ex2.6_r, ipip.ex2.7, ipip.ex2.8_r, ipip.ex2.9, ipip.ex2.10_r)*10
ipip.agrbscr2	IPIP: Agreeableness (2nd admin, Quarantine Day 0)		ipip.agrbscr2 = mean.8(ipip.ag2.1_r, ipip.ag2.2, ipip.ag2.3_r, ipip.ag2.4, ipip.ag2.5_r, ipip.ag2.6, ipip.ag2.7_t, ipip.ag2.8, ipip.ag2.9, ipip.ag2.10)*10
ipip.consscr	IPIP: Conscientiousness		ipip.consscr = mean.8(ipip.co1, ipip.co2_r, ipip.co3, ipip.co4_r, ipip.co5, ipip.co6_r, ipip.co7, ipip.co8_r, ipip.co9, ipip.co10)*10
ipip.emotscr	IPIP: Emotional Stability		ipip.emotscr = mean.8(ipip.em1_r, ipip.em2, ipip.em3_r, ipip.em4, ipip.em5_r, ipip.em6_r, ipip.em7_r, ipip.em8_r, ipip.em9_r, ipip.em10_r)*10
ipip.openscr	IPIP: Openness		ipip.openscr = mean.8(ipip.op1, ipip.op2_r, ipip.op3, ipip.op4_r, ipip.op5, ipip.op6_r, ipip.op7, ipip.op8, ipip.op9, ipip.op10)*10
ipip.extravg	IPIP: Extraversion (avg 1st & 2nd admin)		ipip.extravg = mean(ipip.extrscr1, ipip.extrscr2)
ipip.agrbavg	IPIP: Agreeableness (avg 1st & 2nd admin)		ipip.agrbavg = mean(ipip.agrbscr1, ipip.agrbscr2)
optm	*****OPTIMISM*****		
lotr.expbst	LOT-R: usually expect the best	AGR04	
lotr.relax	LOT-R: <<filler item>> easy for me to relax		
lotr.gowrng	LOT-R: if something can go wrong, it will		
lotr.optfut	LOT-R: always optimistic about future		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lotr.enjfr	LOT-R: <<filler item>> enjoy my friends	AGR04	
lotr.kpbsy	LOT-R: <<filler item>> important for me to keep busy		
lotr.myway	LOT-R: hardly ever expect things to go my way		
lotr.upset	LOT-R: <<filler item>> don't get upset too easily		
lotr.gdthng	LOT-R: rarely count on good things happening to me		
lotr.expgd	LOT-R: overall, expect more good things than bad		
lotr.gowrng_r	LOT-R: if something can go wrong, it will (rev)	AGR04R	
lotr.myway_r	LOT-R: hardly ever expect things to go my way (rev)		
lotr.gdthng_r	LOT-R: rarely count on good things happening to me (rev)		
lotr.optm	LOT-R: Revised Life Orientation Test Optimism Scale		lotr.optm = sum.6(lotr.expbst, lotr.gowrng_r, lotr.optfut, lotr.myway_r, lotr.gdthng_r, lotr.expgd).
open	*****OPENER SCALE*****		
op.tellme	OP: people tell me about themselves	AGR15	
op.gdlstn	OP: been told I am a good listener		
op.accpt	OP: I am accepting		
op.trstme	OP: people trust me		
op.opnup	OP: easily get people to open up		
op.pplrlx	OP: people feel relaxed around me		
op.enjlstn	OP: enjoy listening to people		
op.symp	OP: sympathetic to problems		
op.encrg	OP: encourage people to tell me how they are feeling		
op.kptlk	OP: keep people talking about themselves		
op.totopen	OP: Openers Total Score		op.totopen = mean.8(op.tellme, op.gdlstn, op.accpt, op.trstme, op.opnup, op.pprlx, op.enjlstn, op.symp, op.encrg, op.kptlk)*10.
comm	*****COMMUNAL ORIENTATION*****		
comm1	COMM: bothers me when others neglect my needs	LIKE15	
comm2	COMM: take others' needs/feelings into account		
comm3	COMM: not sensitive to others feelings		
comm4	COMM: do not consider myself a helpful person		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
comm5	COMM: believe people should be helpful	LIKE15	
comm6	COMM: do not enjoy giving others aid		
comm7	COMM: expect people to be responsive to my needs		
comm8	COMM: go out of my way to help others		
comm9	COMM: best not to get involved in taking care of others' needs		
comm10	COMM: am not a person who comes to the aid of others		
comm11	COMM: turn to others for help when I need it		
comm12	COMM: avoid people when they are upset		
comm13	COMM: people should keep troubles to themselves		
comm14	COMM: hurt when others ignore my needs		
comm3_r	COMM: not sensitive to others' feelings (rev)	LIKE15R	
comm4_r	COMM: do not consider myself a helpful person - (rev)		
comm6_r	COMM: do not enjoy giving others aid (reversed)		
comm9_r	COMM: best not to get involved in ... others' needs - (rev)		
comm10_r	COMM: am not a person who comes to the aid of others - (rev)		
comm12_r	COMM: avoid people when they are upset - (rev)		
comm13_r	COMM: people should keep troubles to themselves - (rev)		
comm.total	COMM: Communal Orientation Total Score		comm.total = mean.12(comm1, comm2, comm3_r, comm4_r, comm5, comm6_r, comm7, comm8, comm9_r, comm10_r, comm11, comm12_r, comm13_r, comm14)*14
comm.self	COMM: Expect Communal Toward Self Sub-Scale		comm.self = mean.3(comm1, comm7, comm11, comm14)*4.
cmhs	*****COOK-MEDLEY HOSTILITY SCALE*****		
cmhs1	CM-Ho: item #1 - MMPI item #71	T/F	
cmhs2	CM-Ho: item #2 - MMPI item #93		
cmhs3	CM-Ho: item #3 - MMPI item #124		
cmhs4	CM-Ho: item #4 - MMPI item #265		
cmhs5	CM-Ho: item #5 - MMPI item #319		
cmhs6	CM-Ho: item #6 - MMPI item #436		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
cmhs7	CM-Ho: item #7 - MMPI item #383	T/F	
cmhs8	CM-Ho: item #8 - MMPI item #28		
cmhs9	CM-Ho: item #9 - MMPI item #148		
cmhs10	CM-Ho: item #10 - MMPI item #226		
cmhs11	CM-Ho: item #11 - MMPI item #253		
cmhs12	CM-Ho: item #12 - MMPI item #250		
cmhs13	CM-Ho: item #13 - MMPI item #271		
cmhs14	CM-Ho: item #14 - MMPI item #399		
cmhs15	CM-Ho: item #15 - MMPI item #410		
cmhs16	CM-Ho: item #16 - MMPI item #426		
cmhs17	CM-Ho: item #17 - MMPI item #438		
cmhs18	CM-Ho: item #18 - MMPI item #447		
cmhs19	CM-Ho: item #19 - MMPI item #504		
cmhs20	CM-Ho: item #20 - MMPI item #520		
cmhs11_r	CM-Ho: item #11 - MMPI item #253 – (rev)	T/F-R	
cmhs14_r	CM-Ho: item #14 - MMPI item #399 – (rev)		
cmhs.cyn	CM-Ho: Cook-Medley Hostility Cynicism Scale		Scoring information can be obtained from Barefoot, et al (1989). The Cook–Medley Hostility Scale: Item content and ability to predict survival. *Psychosom Med, 51*, 46–57.
cmhs.aff	CM-Ho: Cook-Medley Hostility Hostile Affect Scale		
cmhs.agg	CM-Ho: Cook-Medley Hostility Aggressive Responding Scale		
cmhs.total	CM-Ho: Cook-Medley Hostility Scale Total Score		cmhs.total = sum.3(cmhs.aff, cmhs.agg, cmhs.cyn)
shy	*****SHYNESS*****		
shy.strgr	SHY: shy with strangers	FRQ14	
shy.party	SHY: like parties that have many people		
shy.child	SHY: from 3 to 10 I was shy with other children		
shy.schl	SHY: from 5 to 10 I was afraid of going to school		
shy.party_r	SHY: like parties that have many people – (rev)	FRQ14R	
shy.total	SHY: Shyness Index Total Score		shy.total = sum.4(shy.strgr, shy.party_r, shy.child, shy.schl)

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
Ecr	*****EXPERIENCES IN CLOSE RELATIONSHIPS*****		
ecr1	ECR: very uncomfortable being close to people	AGR17	
ecr2	ECR: when people get close, pull away		
ecr3	ECR: worry people won't care as much as I do		
ecr4	ECR: uncomfortable when people want to be close		
ecr5	ECR: worry about losing close relationships		
ecr6	ECR: don't feel comfortable opening up to other people		
ecr7	ECR: wish other people's feelings were as strong as mine		
ecr8	ECR: nervous when people get too close		
ecr9	ECR: worry about being alone		
ecr10	ECR: avoid getting too close to people		
ecr11	ECR: need reassurance that I am loved		
ecr12	ECR: force people to show more feeling and commitment		
ecr.avoid	ECR: Experiences in Close Relationships - Avoidance Dimension		ecr.avoid = mean.5(ecr1, ecr2, ecr4, ecr6, ecr8, ecr10)*6.
ecr.anx	ECR: Experiences in Close Relationships - Anxiety Dimension		ecr.anx = mean.5(ecr3, ecr5, ecr7, ecr9, ecr11, ecr12)*6.
tsc	*****TUCKER SOCIAL CONTROL SCALE*****		
tsc.list	TSC: total number of people on list		
tsc.offr	TSC: offer to engage in healthy behaviors with me	TSC14	
tsc.easr	TSC: do things for me that make it easier		
tsc.hint	TSC: drop hints		
tsc.remnd	TSC: leave reminders		
tsc.ask	TSC: ask me to engage		
tsc.respns	TSC: I feel as sense of responsibility to them		
tsc.expct	TSC: they expect me to try to stay healthy		
tsc.disapp	TSC: I think they will be disappointed		
tsc.imprt	TSC: important to them that I make an attempt to be fit		
tsc.netsize	TSC: Tucker Social Control - Network Size (same as tsc.list)		
tsc.direct	TSC: Tucker Social Control - Direct Social Control Score		tsc.direct = mean.4(tsc.offr, tsc.easr, tsc.hint, tsc.remnd, tsc.ask)*5.
tsc.indirect	TSC: Tucker social Control - Indirect Social Control Score		tsc.indirect = mean.3(tsc.respns, tsc.expct, tsc.disapp, tsc.imprt)*4.

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...could easily find someone		
isel.strn	ISEL: if stranded 10 miles from home...someone I could call to get me		
isel.fam	ISEL: if family crisis...difficult to find someone to give me good advice		
isel.help	ISEL: if needed help moving…hard time finding someone to help me		
isel.trip_r	ISEL: if go on a trip...have a hard time finding someone to go - (rev)	TF03R	
isel.fear_r	ISEL: no one I can share my most private worries and fears with - (rev)		
isel.invt_r	ISEL: don't often get invited to do things w/others (rev)		
isel.lkaft_r	ISEL: if I had to go out of town...difficult to find someone to look after...(rev)		
isel.fam_r	ISEL: if family crisis...difficult to find someone to give good advice (rev)		
isel.help_r	ISEL: if needed help moving... hard time finding someone to help (rev)		
isel4apprs	ISEL: 4-item Appraisal Support subscore		isel4apprs = sum.4(isel.fear_r, isel.advc, isel.pers, isel.fam_r).
isel4belng	ISEL: 4-item Belonging Support subscore		isel4belng = sum.4(isel.trip_r, isel.mvie, isel.invt_r, isel.lnch).
isel4tang	ISEL: 4-item Tangible Support subscore		isel4tang = sum.4(isel.sick, isel.lkaft_r, isel.strn, isel.help_r).
isel12tot	ISEL: 12-item Overall Total Interpersonal Support		isel12tot = sum.3(isel4apprs, isel4belng, isel4tang).
gs_isel	**GIVING SUPPORT - INTERPERSONAL SUPPORT EVALUATION LIST**		
gisel.trip	GS-ISEL - accompany on a trip	TF03	
gisel.fear	GS-ISEL - share worries and fears		
gisel.sick	GS-ISEL - chores when ill		
gisel.advc	GS-ISEL - advice		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
gisel.mvie	GS-ISEL - movie with short notice	TF03	
gisel.pers	GS-ISEL - personal problem		
gisel.goto	GS-ISEL - ball game concert plays		
gisel.lkaft	GS-ISEL - look after house or apt		
gisel.lnch	GS-ISEL - go out to lunch		
gisel.strn	GS-ISEL - give ride if stranded		
gisel.fam	GS-ISEL - family crisis		
gisel.help	GS-ISEL - help move		
gisel.appscr	GS-ISEL: Giving Support - Appraisal Subscale Score		gisel.appscr = sum.4(gisel.fear, gisel.advc, gisel.pers, gisel.fam)
gisel.blngscr	GS-ISEL: Giving Support - Belonging Subscale Score		gisel.blngscr = sum.4(gisel.trip, gisel.mvie, gisel.goto, gisel.lnch)
gisel.tngscr	GS-ISEL: Giving Support - Tangible Subscale Score		gisel.tngscr = sum.4(gisel.sick, gisel.lkaft, gisel.strn, gisel.help)
gisel.total	GS-ISEL: Giving Support - Overall Support		gisel.total = sum.3(gisel.appscr, gisel.blngscr, gisel.tngscr)
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)
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).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
sni	*****SOCIAL NETWORK INDEX (SNI)*****		
sni.marstat	marital status	SNIMAR	
sni.hcc.spouse	SNI - high contact: spouse/partner	YES/NO	if (sni.marstat = 1) sni.hcc.spouse = 1; if (sni.marstat gt 1) sni.hcc.spouse = 0.
sni.longrel	SNI - ever lived w/someone in marriage-like relationship	SNIREL	
sni.chldrn	SNI: # children	SNINUM	
sni.hcc.chldrn	SNI - high contact: # children talk with ≥every 2 wks	SNINUM	
sni.parnts_raw	SNI: living parents (RAW)	SNIPAR	

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

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

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

sni.hcc.inlaws_raw	SNI: parents-in-law talk with ≥every 2 wks (RAW)	SNIINL	
sni.hcc.inlaws	SNI - high contact: # parents-in-law talk with ≥every 2 wks		As above, substituting sni.hcc.inlaws_raw for sni.inlaws_raw
sni.reltvs	SNI: # other close relatives	SNINUM	
sni.hcc.reltvs	SNI - high contact: # close relatives talk with ≥every 2 wks	SNINUM	
sni.frnds	SNI: # close friends	SNINUM	
sni.hcc.frnds	SNI - high contact: # close friends talk with ≥every 2 wks	SNINUM	
sni.church	SNI: belong to church, temple, or other religious group	YES/NO	
sni.hcc.chrch	SNI - high contact: # church members talk w/ ≥every 2 wks	SNINUM	
sni.othgrp	SNI: belong to any other group	YES/NO	
sni.hcc.othgrp	SNI: # other group members you talk with ≥every 2 wks		
sni.emplout	SNI: employed outside the home	YES/NO	
sni.hcc.suprvs	SNI - high contact: # people you supervise at work	SNINUM	

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
sni.hcc.cowrks	SNI - high contact: # coworkers talk with ≥every 2 wks	SNINUM	
sni.volgrp	SNI: belong to a volunteer group	YES/NO	
sni.hcc.volntrs	SNI - high contact: #fellow volunteers talk w/ ≥every 2 wks	SNINUM	
sni.class	SNI: attend classes	YES/NO	
sni.hcc.stdnts	SNI - high contact: # fellow students talk with ≥every 2 wks	SNINUM	
sni.hcc.nghbrs	SNI - high contact: # neighbors talk with ≥every 2 wks	SNINUM	
sni.hcr.married	SNI - high contact role: married/marriage like relationship	SNIROLE	if (sni.hcc.spouse = 1) sni.hcr.married = 1; if (sni.hcc.spouse = 0) sni.hcr.married = 0.
sni.hcr.parnt	SNI - high contact role: parent		if (sni.hcc.chldrn >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.
sni.hcr.chrch	SNI - high contact role: church/temple member		if (sni.hcc.chrch >0) sni.hcr.chrch = 1; if (sni.hcc.chrch=0) sni.hcr.chrch = 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.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.studnt	SNI - high contact role: student		if (sni.hcc.stdnts >0) sni.hcr.studnt=1; if (sni.hcc.stdnts=0) sni.hcr.studnt=0.
sni.hcr.nghbr	SNI - high contact role: neighbor		if (sni.hcc.nghbrs >0) sni.hcr.nghbr=1; if (sni.hcc.nghbrs=0) sni.hcr.nghbr=0.
sni.integration	SNI: Social Network Index - 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	SNI - do not use e-mail	SNIEM1	
sni.em.chldrn_raw	SNI - email: child(ren) ≥every 2 wks (RAW)	SNIEM2	
sni.em.parnts_raw	SNI - email: parent(s) ≥every 2 wks (RAW)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
sni.em.inlaws_raw	SNI - email: in-law(s) ≥every 2 wks (RAW)	SNIEM2	
sni.em.reltvs_raw	SNI - email: other relative(s) ≥every 2 wks (RAW)		
sni.em.frnds_raw	SNI - email: close friend(s) ≥every 2 wks (RAW)		
sni.em.chrch_raw	SNI - email: church member(s) ≥every 2 wks (RAW)		
sni.em.stdnts_raw	SNI - email: fellow student(s) ≥every 2 wks (RAW)		
sni.em.nghbrs_raw	SNI - email: neighbor(s) ≥every 2 wks (RAW)		
sni.em.volntrs_raw	SNI - email: fellow volunteer(s) ≥every 2 wks (RAW)		
sni.em.cowrks_raw	SNI - email: co-worker(s) ≥every 2 wks (RAW)		
sni.em.othgrp_raw	SNI - email: members of groups ≥every 2 wks (RAW)		
sni.em.chldrn	SNI - high contact email: child(ren)?	SNIEM3	All variables re-coded so that non-email users (i.e., sni.em.none = 1) receive a 0 score.
sni.em.parnts	SNI - high contact email: parent(s)?		
sni.em.inlaws	SNI - high contact email: parent(s)-in-law?		
sni.em.reltvs	SNI - high contact email: other close relative(s)?		
sni.em.frnds	SNI - high contact email: close friend(s)?		
sni.em.chrch	SNI - high contact email: fellow church member(s)?		
sni.em.othgrp	SNI - high contact email: fellow other group member(s)?		
sni.em.volntrs	SNI - high contact email: fellow volunteer(s)?		
sni.em.nghbrs	SNI - high contact email: neighbor(s)?		
sni.em.stdnts	SNI - high contact email: fellow student(s)?		
sni.em.cowrks	SNI - high contact contact: coworker(s)?		
spm	*****SOCIAL PARTICIPATION*****		
spm.visfr	SPM: visited with friends	SPM16	
spm.visfm	SPM: visited with family		
spm.wrkmt	SPM: attended meeting at work		
spm.othmt	SPM: attended other organization meeting		
spm.relsrvc	SPM: attended religious services		
spm.class	SPM: attended class or lecture		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
spm.sport	SPM: participated in sport	SPM16	
spm.exer	SPM: participated in pyhsical exercise w/ others		
spm.spect	SPM: went to sporting event as spectator w/ others		
spm.eat	SPM: went to restaurant / bar / coffee shop w/ others		
spm.pcnc	SPM: went on a ride / picnic / parties w/ others		
spm.wprfm	SPM: went to movies/concert/plays/performances w/others		
spm.pprfm	SPM: participated in concert / plays / performances w/ others		
spm.fairs	SPM: went to fairs/museums/exhibits/craft shows w/others		
spm.errnd	SPM: performed family or personal errands w/ others		
spm.media	SPM: listened to music watched TV / DVDs w/ others		
spm.total	SPM: Total Social Participation		spm.total = sum.16 (spmvisfr, spmvisfm, spmwrkmt, spmothmt, spmsrvc, spmclass, spmsprt, spmexer, spmspect, spmrest, spmpcnc, spmwprfm, spmpprfm, spmfairs, spmerrnd, spmmedia).
pcom	*****PERCEIVED COMMUNITY*****		
pcom.fam	PCOM: keeping in touch with family important	AGR16	
pcom.blng	PCOM: feel like I belong		
pcom.roles	PCOM: I have many fulfilling roles in life		
pcom.ties	PCOM: don't feel I lack important ties w/people outside family		
pcom.play	PCOM: play a part in my community		
pcom.valu	PCOM: don't feel a sense of shared values		
pcom.miss	PCOM: I would be missed if I moved		
pcom.frnds	PCOM: having close friendships is important		
pcom.outside	PCOM: spend enough time outside of my immediate family		
pcom.contrib	PCOM: contribute to the neighborliness where I live		
pcom.valu_r	PCOM: don't feel a sense of shared values – (rev)	AGR16R	
pcom.total	PCOM: Total Perceived Community Score		pcom.total = mean.8(pcom.fam, pcom.blng, pcom.roles, pcom.ties, pcom.play, pcom.valu_r, pcom.miss, pcom.frnds, pcom.outside, pcom.contrib)*10

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lon	*****LONELINESS*****		
lon.lack	LON: How often do you feel lack of companionship?	FRQ14	
lon.left	LON: How often do you feel left out?		
lon.iso	LON: How often do you feel isolated from others?		
lon.total	LON: Total Loneliness Scale Score		lon.total = sum.3(lon.lack, lon.left, lon.iso)
evnts	*****LIFE EVENTS LIST*****		
lel.move	LEL: moved in last 12 months	YES/NO	
lel.move.new	LEL: neighborhood is better worse or the same	LELSAME	
lel.move.exp	LEL: moving a good or bad experience	LELEXP	
lel.rombrk	LEL: broken engagement or ended intimate relationship	YES/NO	
lel.rombrk.exp	LEL: rate feeling about breakup	LELEXP	
lel.mar	LEL: get married in past 12 months	YES/NO	
lel.mar.wnt	LEL: did you want to get married	YES/NO	
lel.mar.exp	LEL: rate marriage	LELEXP	
lel.death	LEL: someone you were close to die	YES/NO	
lel.dth.sp	LEL: who died - spouse or intimate friend		
lel.dth.pa	LEL: who died - parent		
lel.dth.inlw	LEL: who died - spouse's parent		
lel.dth.rel	LEL: who died - brother or sister child other relatives		
lel.dth.fr	LEL: who died - friend		
lel.dth.oth	LEL: who died - other		
lel.divrc	LEL: separated or divorced in last 12 months	YES/NO	
lel.divrc.wnt	LEL: want to get separated or divorced	YES/NO	
lel.divrc.exp	LEL: rate separation or divorce	LELEXP	
lel.frbrk	LEL: break up with a close friend last 12 months	YES/NO	
lel.frbrk.wnt	LEL: want to break up with friend	YES/NO	
lel.frbrk.exp	LEL: rate break up with friend	LELEXP	
lel.relwrs	LEL: important relationship get worse in past 12 months	YES/NO	
lel.rlwrs.boss	LEL: with whom did relationship get worse - boss		
lel.rlwrs.sp	LEL: with whom did relationship get worse - spouse		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.rlwrs.fr	LEL: with whom did relationship get worse - friend		
lel.rlwrs.ch	LEL: with whom did relationship get worse - child		
lel.rlwrs.pa	LEL: with whom did relationship get worse - parent		
lel.rlwrs.rel	LEL: with whom did relationship get worse - other family member		
lel.child	LEL: have a child or adopt a child last 12 months	YES/NO	
lel.child.frst	LEL: is this your first child	YES/NO	
lel.child.plan	LEL: did you plan to have this child	YES/NO	
lel.child.exp	LEL: rate having this child	LELEXP	
lel.accdnt	LEL: self, close friend, family member had accident in past 12 mos	YES/NO	
lel.acc.slf	LEL: who required treatment - you		
lel.acc.sp	LEL: who required treatment - spouse/partner		
lel.acc.ch	LEL: who required treatment - child		
lel.acc.pa	LEL: who required treatment - parent		
lel.acc.inlw	LEL: who required treatment - spouse's parent		
lel.acc.sib	LEL: who required treatment - brother or sister		
lel.acc.fr	LEL: who required treatment - friend		
lel.acc.oth	LEL: who required treatment - other		
lel.hosp	LEL: self, close friend, family member hospitalized in past 12 mos	YES/NO	
lel.hosp.slf	LEL: who hospitalized - you		
lel.hosp.sp	LEL: who hospitalized - spouse/partner		
lel.hosp.ch	LEL: who hospitalized - child		
lel.hosp.pa	LEL: who hospitalized - parent		
lel.hosp.inlw	LEL: who hospitalized - spouse's parent		
lel.hosp.sib	LEL: who hospitalized - brother or sister		
lel.hosp.fr	LEL: who hospitalized - friend		
lel.hosp.oth	LEL: who hospitalized - other		
lel.slfpreg	LEL: (women) have you been pregnant last 12 months	YES/NO	
lel.slfprg.plan	LEL: pregnancy planned or unplanned	LELPLAN	
lel.slfprg.exp	LEL: rate pregnancy	LELEXP	
lel.wfprg	LEL: (men) wife, girlfriend pregnant in last 12 mos (no if NA)	YES/NO	

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.wfprg.plan	LEL: pregnancy planned or unplanned	LELPLAN	
lel.wfprg.exp	LEL: rate pregnancy	LELEXP	
lel.slfabrt	LEL: (women) had an abortion last 12 months	YES/NO	
lel.wfabrt	LEL: (men) wife, girlfriend had an abortion last 12 mos (no if NA)	YES/NO	
lel.slfmscr	LEL: (women) had miscarriage or stillbirth last 12 months	YES/NO	
lel.wfmscr	LEL: (men) wife, girlfriend miscarriage last 12 mos (no if NA)	YES/NO	
lel.job	LEL: you or spouse/partner lost or changed jobs last 12 months	YES/NO	
lel.job.who	LEL: who lost job	LEWHO1	
lel.job.why	LEL: why leave job (only you if both lost)	LELJOB	
lel.job.stay	LEL: could have stayed at job	YES/NO	
lel.job.exp	LEL: rate leaving job	LELEXP	
lel.fail	LEL: business/investment loss/failure in last 12 months	YES/NO	
lel.fail.who	LEL: who suffered loss	LEWHO1	
lel.disap	LEL: work or education problems/disappointments last in 12 mos	YES/NO	
lel.disap.who	LEL: who had problems/disappointments	LEWHO1	
lel.disap.wht	LEL: what was problem/disappointment	LELDIS	
lel.succ	LEL: success at work or educational course in last 12 months	YES/NO	
lel.succ.who	LEL: who had success	LEWHO1	
lel.finan	LEL: significant change in personal finances past 12 months	YES/NO	
lel.finan.rate	LEL: change for better or worse	LELFIN	
lel.hsebrk	LEL: house been broken into or burgled past 12 months	YES/NO	
lel.asslt	LEL: assaulted or mugged past in 12 months	YES/NO	
lel.asslt.slf	LEL: who assaulted or mugged - you		
lel.asslt.sp	LEL: who assaulted or mugged - spouse/partner		
lel.asslt.ch	LEL: who assaulted or mugged - child		
lel.asslt.pa	LEL: who assaulted or mugged - parent		
lel.asslt.sib	LEL: who assaulted or mugged - brother or sister		
lel.asslt.oth	LEL: who assaulted or mugged - other		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.behav	LEL: member of family been significant problem past 12 months	YES/NO	
lel.behv.sp	LEL: who was problem - spouse/partner		
lel.behv.ch	LEL: who was problem – child		
lel.behv.pa	LEL: who was problem – parent		
lel.behv.sib	LEL: who was problem - brother of sister		
lel.behv.oth	LEL: who was problem – other		
lel.court	LEL: you or spouse/partner appeared in court past 12 months	YES/NO	
lel.court.who	LEL: who in court	LEWHO1	
lel.court.exp	LEL: rate court experience	LELEXP	
lel.pet	LEL: pet die get lost or given away past 12 months	YES/NO	
lel.addevnts	LEL: other event past 12 months	YES/NO	
lel.evnt1.slf	LEL: who event 1 – you		
lel.evnt1.sp	LEL: who event 1 - spouse/partner		
lel.evnt1.ch	LEL: who event 1 - child		
lel.evnt1.pa	LEL: who event 1 - parent		
lel.evnt1.inlw	LEL: who event 1 - spouse's parent		
lel.evnt1.sib	LEL: who event 1 - brother or sister		
lel.evnt1.fr	LEL: who event 1 - friend		
lel.evnt1.oth	LEL: who event 1 - other		
lel.evnt1_str	LEL: what happened event 1		
lel.evnt1.wnt	LEL: want event to happen event 1	YES/NO	
lel.evnt1.exp	LEL: rate feelings event 1	LELEXP	
lel.evnt2.slf	LEL: who event 2 - you		
lel.evnt2.sp	LEL: who event 2 - spouse/partner		
lel.evnt2.ch	LEL: who event 2 - child		
lel.evnt2.pa	LEL: who event 2 - parent		
lel.evnt2.inlw	LEL: who event 2 - spouse's parent		
lel.evnt2.sib	LEL: who event 2 - brother or sister		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.evnt2.fr	LEL: who event 2 - friend		
lel.evnt2.oth	LEL: who event 2 - other		
lel.evnt2_str	LEL: what happened event 2		
lel.evnt2.wnt	LEL: want event to happen event 2	YES/NO	
lel.evnt2.exp	LEL: rate feelings event 2	LELEXP	
lel.evnt3.slf	LEL: who event 3 - you		
lel.evnt3.sp	LEL: who event 3 - spouse/partner		
lel.evnt3.ch	LEL: who event 3 - child		
lel.evnt3.pa	LEL: who event 3 - parent		
lel.evnt3.inlw	LEL: who event 3 - spouse's parent		
lel.evnt3.sib	LEL: who event 3 - brother or sister		
lel.evnt3.fr	LEL: who event 3 - friend		
lel.evnt3.oth	LEL: who event 3 - other		
lel.evnt3_str	LEL: what happened event 3		
lel.evnt3.wnt	LEL: want event to happen event 3	YES/NO	
lel.evnt3.exp	LEL: rate feelings event 3	LELEXP	
lel.preg	LEL: you or wife/partner been pregnant in last year		if (sex = 0) lev.preg = lev.wfprg; if (sex = 1) lev.preg = lev.slfprg.
lel.abort	LEL: you or wife/partner had abortion in last year		if (sex = 0) lev.abort = lev.wfabrt; if (sex = 1) lev.abort = lev.slfabrt.
lel.miscrg	LEL: you or wife/partner had miscarriage in last year		if (sex = 0) lev.miscrg = lev.wfmscr; if (sex = 1) lev.miscrg = lev.slfmiscrg.
lel.move.ne	LEL: moving was negative event (computed)		do if lev.move.exp ge 1 and lev.move.exp le 3.
lel.move.pe	LEL: moving was positive event (computed)		lev.move.ne = 0.
			lev.move.pe = 1.
			end if.
			do if lev.move.exp ge 4 and lev.move.exp le 6.
			lev.move.ne = 1.
			lev.move.pe = 0.
			end if.

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.rombrk.ne	LEL: romantic break-up was negative event		All positive and negative count items were computed using the same formula as that presented for moving (see above), save for the substitution of relevant variables.
lel.rombrk.pe	LEL: romantic break-up was positive event		
lel.mar.ne	LEL: marriage was negative event		
lel.mar.pe	LEL: marriage was positive event		
lel.divrc.ne	LEL: separation/divorce was negative event		
lel.divrc.pe	LEL: separation/divorce was positive event		
lel.frbrk.ne	LEL: break-up with friend was negative event		
lel.frbrk.pe	LEL: break-up with friend was positive event		
lel.child.ne	LEL: having/adopting child was negative event		
lel.child.pe	LEL: having/adopting child was positive event		
lel.slfprg.ne	LEL: own pregnancy was negative event		
lel.slfprg.pe	LEL: own pregnancy was negative event		
lel.wfprg.ne	LEL: wife/girlfriend's pregnancy was negative event		
lel.wfprg.pe	LEL: wife/girlfriend's pregnancy was positive event		
lel.slfabrt.ne	LEL: own abortion was negative event		
lel.wfabrt.ne	LEL: wife/girlfriend's abortion was negative event		
lel.slfmscr.ne	LEL: own miscarriage was negative event		
lel.wfmscr.ne	LEL: wife/girlfriend's miscarriage was negative event		
lel.preg.ne	LEL: own or wife/girlfriend's pregnancy was negative event		
lel.preg.pe	LEL: own or wife/girlfriend's pregnancy was positive event		
lel.abort.ne	LEL: own or wife/girlfriend's abortion was negative event		
lel.miscrg.ne	LEL: own or wife/girlfriend's miscarriage was negative event		
lel.job.ne	LEL: own or spouse/partner's job change was negative event		
lel.job.pe	LEL: own or spouse/partner's job change was positive event		
lel.fail.ne	LEL: business/investment loss/failure was negative event		
lel.disap.ne	LEL: work/education disappointment was negative event		
lel.succ.pe	LEL: work/education success was positive event		
lel.finan.ne	LEL: change in finances was negative event		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.finan.pe	LEL: change in finances was positive event		
lel.hsebrk.ne	LEL: housebreaking/burglary was negative event		
lel.court.ne	LEL: court appearance was negative event		
lel.court.pe	LEL: court appearance was positive event		
lel.pet.ne	LEL: pet loss/death was negative event		
lel.evnt1.ne	LEL: additional event #1 was negative event		
lel.evnt1.pe	LEL: additional event #1 was positive event		
lel.evnt2.ne	LEL: additional event #2 was negative event		
lel.evnt2.pe	LEL: additional event #2 was positive event		
lel.evnt3.ne	LEL: additional event #3 was negative event		
lel.evnt3.pe	LEL: additional event #3 was positive event		

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

lel.fail.no	LEL: business/investment loss/failure was negative "other" event		All variables created to indicate negative events that happened to other persons were computed using the same formula as that presented for job change event (see above), save for the substitution of relevant variables.
lel.disap.no	LEL: work/education disappointment was negative "other" event		
lel.court.no	LEL: court appearance was negative "other" event		
lel.evnt1.no	LEL: additional event #1 was negative "other" event		
lel.evnt2.no	LEL: additional event #2 was negative "other" event		
lel.evnt3.no	LEL: additional event #3 was negative "other" event		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.job.tse	LEL: job change counts toward self-event total		do if lev.job = 0. lev.job.tse = 0. lev.job.toe = 0. else if lev.job = 1. do if (lev.job.who = 1 or lev.job.who = 3). lev.job.tse = 1. lev.job.toe = 0. else if (lev.job.who = 2). lev.job.tse = 0. lev.job.toe = 1. end if. end if.
lel.job.toe	LEL: job change counts toward other-event total		
lel.fail.tse	LEL: business/invest loss/failure counts toward self-event total		All variables created to indicate whether events should be included in counts of "self" or "other" total life events were computed using the same formula as that presented for job change event (see above), save for the substitution of relevant variables.
lel.fail.toe	LEL: business/invest loss/failure counts toward other-event total		
lel.disap.tse	LEL: work/educ disappointment counts toward self-event total		
lel.disap.toe	LEL: work/educ disappointment counts toward other-event total		
lel.succ.tse	LEL: work/educ success counts toward self-event total		
lel.succ.toe	LEL: work/educ success counts toward other-event total		
lel.court.tse	LEL: court appearance counts toward self-event total		
lel.court.toe	LEL: court appearance counts toward other-event total		
lel.evnt1.tse	LEL: additional event #1 counts toward self-event total		
lel.evnt1.toe	LEL: additional event #1 counts toward other-event total		
lel.evnt2.tse	LEL: additional event #2 counts toward self-event total		
lel.evnt2.toe	LEL: additional event #2 counts toward other-event total		
lel.evnt3.tse	LEL: additional event #3 counts toward self-event total		
lel.evnt3.toe	LEL: additional event #3 counts toward other-event total		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
lel.negself	LEL: Life Events List - total # of negative self-events		lev.negself = sum(lev.move.ne, lev.rombrk.ne, lev.mar.ne, lev.dth.sp, lev.dth.pa, lev.dth.inlw, lev.dth.rel, lev.dth.fr, lev.dth.oth, lev.divrc.ne, lev.frbrk.ne, lev.rlwrs.boss, lev.rlwrs.sp, lev.rlwrs.fr, lev.rlwrs.ch, lev.rlwrs.pa, lev.rlwrs.rel, lev.child.ne, lev.acc.slf, lev.hosp.slf, lev.preg.ne, lev.abort.ne, lev.miscrg.ne, lev.job.ne, lev.fail.ne, lev.disap.ne, lev.finan.ne, lev.hsebrk.ne, lev.asslt.slf, lev.behv.sp, lev.behv.ch, lev.behv.pa, lev.behv.sib, lev.behv.oth, lev.court.ne, lev.pet.ne, lev.evnt1.ne, lev.evnt2.ne, lev.evnt3.ne).
lel.posself	LEL: Life Events List - total # of positive self-events		lev.posself = sum(lev.move.pe, lev.rombrk.pe, lev.mar.pe, lev.divrc.pe, lev.frbrk.pe, lev.child.pe, lev.preg.pe, lev.job.pe, lev.succ.pe, lev.finan.pe, lev.court.pe, lev.evnt1.pe, lev.evnt2.pe, lev.evnt3.pe).
lel.negothr	LEL: Life Events List - total # of negative other-events		lev.negothr = sum(lev.acc.sp, lev.acc.ch, lev.acc.pa, lev.acc.inlw, lev.acc.sib, lev.acc.fr, lev.acc.oth, lev.hosp.sp, lev.hosp.ch, lev.hosp.pa, lev.hosp.inlw, lev.hosp.sib, lev.hosp.fr, lev.hosp.oth, lev.job.no, lev.fail.no, lev.disap.no, lev.asslt.sp, lev.asslt.ch, lev.asslt.pa, lev.asslt.sib, lev.asslt.oth, lev.court.no, lev.evnt1.no, lev.evnt2.no, lev.evnt3.no).
lel.totself	LEL: Life Events List - total # self-events (positive & negative)		lev.totself = sum.2(lev.negself, lev.posself).
lel.totothr	LEL: Life Events List - total # other-events (positive and negative)		lev.totothr = sum(lev.acc.sp, lev.acc.ch, lev.acc.pa, lev.acc.inlw, lev.acc.sib, lev.acc.fr, lev.acc.oth, lev.hosp.sp, lev.hosp.ch, lev.hosp.pa, lev.hosp.inlw, lev.hosp.sib, lev.hosp.fr, lev.hosp.oth, lev.job.toe, lev.fail.toe, lev.disap.toe, lev.succ.toe, lev.asslt.sp, lev.asslt.ch, lev.asslt.pa, lev.asslt.sib, lev.asslt.oth, lev.court.toe, lev.evnt1.toe, lev.evnt2.toe, lev.evnt3.toe).
lel.totnegev	LEL: Life Events List - total # negative events (negself + negothr)		lev.totnegev = sum.2(lev.negself, lev.negothr).
lel.totevnts	LEL: Life Events List - total # life events (totself + totothr)		lev.totevnts = sum.2(lev.totself, lev.totothr).
pss	*****PERCEIVED STRESS SCALE (PSS)*****		
pss.upset	PSS: upset b/c something happened unexpectedly	FRQ04	
pss.cntrl	PSS: unable to control important things		
pss.ontop	PSS: on top of things		
pss.irrit	PSS: control irritations		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pss.cope	PSS: could not cope	FRQ04	
pss.way	PSS: things going your way		
pss.pers	PSS: confident about ability to handle personal problems		
pss.diffs	PSS: difficulties piling up		
pss.angr	PSS: angered b/c things outside of your control		
pss.nervs	PSS: nervous and stressed		
pss.pers_r	PSS: confident about ability to handle personal problems (rev)	FRQ04R	
pss.way_r	PSS: things going your way (rev)		
pss.irrit_r	PSS: control irritations (rev)		
pss.ontop_r	PSS: on top of things (rev)		
pss10tot	PSS: 10-item total score		pss10tot = mean.8(pss.cntrl, pss.pers_r, pss.way_r, pss.diffs, pss.irrit_r, pss.ontop_r, pss.angr, pss.cope, pss.upset, pss.nervs)*10.
pss4tot	PSS: 4-item total score		pss4tot = mean.3(pss.cntrl, pss.pers_r, pss.way_r, pss.diffs)*4.
pwb	*****RYFF SCALES OF PSYCHOLOGICAL WELL-BEING*****		
pwb.em1	PWB: EM - feel I am in charge of the situation in which I live	AGR16	
pwb.pl1	PWB: PL - live life one day at a time...don't think about future		
pwb.pr1	PWB: PR - people see me as loving/affectionate		
pwb.sa1	PWB: SA - when I look at my life...I am pleased		
pwb.em2	PWB: EM - demands of life get me down		
pwb.pl2	PWB: PL - enjoy making plans for the future		
pwb.pr2	PWB: PR - maintaining close relationships is difficult/frustrating		
pwb.sa2	PWB: SA - I feel confident and positive about myself		
pwb.em3	PWB: EM - do not fit with people/community around me		
pwb.pl3	PWB: PL - tend to focus on present...future brings me problems		
pwb.pr3	PWB: PR - often feel lonely...have few close friends		
pwb.sa3	PWB: SA - many people I know have gotten more out of life than I		
pwb.em4	PWB: EM - good at managing responsibilities of my daily life		
pwb.pl4	PWB: PL - my daily activities seem trivial/unimportant		
pwb.pr4	PWB: PR - enjoy personal and mutual conversations		
pwb.sa4	PWB: SA - I like most aspects of my personality		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pwb.em5	PWB: EM - often overwhelmed by my responsibilities	AGR16	
pwb.pl5	PWB: PL - don't have sense of what I'm trying to accomplish in life		
pwb.pr5	PWB: PR - don't have people who want to listen		
pwb.sa5	PWB: SA - made mistakes in past...but everything has worked out		
pwb.em6	PWB: EM - do a good job taking care of my finances/affairs		
pwb.pl6	PWB: PL - I am active in carrying out plans		
pwb.pr6	PWB: PR - most other people have more friends than I do		
pwb.sa6	PWB: SA - I feel disappointed about my achievements in life		
pwb.em7	PWB: EM - good at juggling my time		
pwb.pl7	PWB: PL - used to set goals...now seems a waste of time		
pwb.pr7	PWB: PR - people describe me as a giving person		
pwb.sa7	PWB: SA - attitude about self not as positive as most people's		
pwb.em8	PWB: EM - have difficulty arranging my life		
pwb.pl8	PWB: PL - some people wander aimlessly...I am not one of them		
pwb.pr8	PWB: PR - have not experienced many warm/trusting relationships		
pwb.sa8	PWB: SA - past had its ups and downs...but wouldn't change it		
pwb.em9	PWB: EM - have been able to build a home/lifestyle to my liking		
pwb.pl9	PWB: PL - feel I've done all there is to do in life		
pwb.pr9	PWB: PR - I can trust my friends...they can trust me		
pwb.sa9	PWB: SA - when I compare myself to friends...feel good about who I am		
pwb.em2_r	PWB: EM - demands of life get me down - reversed		
pwb.em3_r	PWB: EM - do not fit with people/community around me - reversed		
pwb.em5_r	PWB: EM - often overwhelmed by my responsibilities - reversed		
pwb.em8_r	PWB: EM - have difficulty arranging my life - reversed		
pwb.pl1_r	PWB: PL- live life one day at a time...don't think about future (rev)	AGR16R	
pwb.pl3_r	PWB: PL - focus on present...future brings problems (rev)		
pwb.pl4_r	PWB: PL - my daily activities seem trivial/unimportant (rev)		
pwb.pl5_r	PWB: PL - don't have sense of what I'm trying to accomplish (rev)		
pwb.pl7_r	PWB: PL - used to set goals...now seems a waste of time (rev)		
pwb.pl9_r	PWB: PL - feel I've done all there is to do in life (rev)		

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
pwb.pr2_r	PWB: PR - maintaining close relationships difficult/frustrating (rev)	AGR16R	
pwb.pr3_r	PWB: PR - often feel lonely...have few close friends (rev)		
pwb.pr5_r	PWB: PR - don't have people who want to listen (rev)		
pwb.pr6_r	PWB: PR - most other people have more friends than I do (rev)		
pwb.pr8_r	PWB: PR - not experienced many warm/trusting relationships (rev)		
pwb.sa3_r	PWB: SA - many people I know have gotten more out of life (rev)		
pwb.sa6_r	PWB: SA - feel disappointed about my achievements (rev)		
pwb.sa7_r	PWB: SA- attitude about self not as positive as most people's (rev)		
pwb.accept	PWB-SA: Psychological Well-Being - Self-Acceptance Scale		pwb.accept = mean.7(pwb.sa1, pwb.sa2, pwb.sa3_r, pwb.sa4, pwb.sa5, pwb.sa6_r, pwb.sa7_r, pwb.sa8, pwb.sa9)*9.
pwb.mastery	PWB-EM: Psychological Well-Being - Environmental Mastery Scale		pwb.mastery = mean.7(pwb.em1, pwb.em2_r, pwb.em3_r, pwb.em4, pwb.em5_r, pwb.em6, pwb.em7, pwb.em8_r, pwb.em9)*9.
pwb.posrelat	PWB-PR: Psychological Well-Being - Positive Relationships Scale		pwb.posrelat = mean.7(pwb.pr1, pwb.pr2_r, pwb.pr3_r, pwb.pr4, pwb.pr5_r, pwb.pr6_r, pwb.pr7, pwb.pr8_r, pwb.pr9)*9.
pwb.purpose	PWB-PL: Psychological Well-Being - Purpose in Life Scale		pwb.purpose = mean.7(pwb.pl1_r, pwb.pl2, pwb.pl3_r, pwb.pl4_r, pwb.pl5_r, pwb.pl6, pwb.pl7_r, pwb.pl8, pwb.pl9_r)*9.
pwb.total	PWB: Psychological Well-Being Total Score		pwb.total = sum.4(pwb.accept, pwb.mastery, pwb.posrelat, pwb.purpose).
erq	*****EMOTION REGULATION QUESTIONNAIRE (ERQ)*****		
erq1	ERQ: want to feel more positive, change what I am thinking	AGR17	
erq2	ERQ: keep emotions to self		
erq3	ERQ: want to feel less negative, change what I am thinking		
erq4	ERQ: feel positive emotions, careful not to express them		
erq5	ERQ: faced with stress, think about ways to stay calm		
erq6	ERQ: control emotions by not expressing		
erq7	ERQ: want to feel more positive, change way I think		
erq8	ERQ: control emotions by changing way I think		
erq9	ERQ: feel negative emotions, careful not to express them		
erq10	ERQ: want to feel more negative, change way I think		
erq.reap	ERQ: Emotion Regulation Questionnaire Reappraisal Scale		erq.reap = sum.6(erq1, erq3, erq5, erq7, erq8, erq10).
erq.supp	ERQ: Emotion Regulation Questionnaire Suppression Scale		erq.supp = sum.4(erq2, erq4, erq6, erq9).

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
tas_20	*****TORONTO ALEXITHYMIA SCALE*****		
tas1	TAS: item #1	AGR15	
tas2	TAS: item #2		
tas3	TAS: item #3		
tas4	TAS: item #4		
tas5	TAS: item #5		
tas6	TAS: item #6		
tas7	TAS: item #7		
tas8	TAS: item #8		
tas9	TAS: item #9		
tas10	TAS: item #10		
tas11	TAS: item #11		
tas12	TAS: item #12		
tas13	TAS: item #13		
tas14	TAS: item #14		
tas15	TAS: item #15		
tas16	TAS: item #16		
tas17	TAS: item #17		
tas18	TAS: item #18		
tas19	TAS: item #19		
tas20	TAS: item #20		
tas4_r	TAS: item #4 - reverse scored	AGR15R	
tas5_r	TAS: item #5 - reverse scored		
tas10_r	TAS: item #10 - reverse scored		
tas18_r	TAS: item #18 - reverse scored		
tas19_r	TAS: item #19 - reverse scored		
tas20ident	TAS: Toronto Alexithymia Scale - Difficulty Identifying Emotions		Scoring instructions for the TAS-20 are copyrighted. For more information, contact Dr. Graeme J. Taylor, the creator of the scale.
tas20desc	TAS: Toronto Alexithymia Scale - Difficulty Describing Emotions		
tas20extrn	TAS: Toronto Alexithymia Scale - Externally Oriented Thinking		
tas20total	TAS: Toronto Alexithymia Scale - Total Alexithymia Score		

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (1/3)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
PNAS15	1=very slightly or not at all	ACC15R	1=very accurate	LIKE15	1=definitely does not sound like me
	2=a little		2=moderately accurate		2=does not sound like me
	3=moderately		3=neutral		3=neutral
	4=quite a bit		4=moderately inaccurate		4=sounds like me
	5=extremely		5=very inaccurate		5=definitely does sound like me
ACC04	0=not at all accurate	AGR04	0=strongly disagree	LIKE15R	1=definitely sounds like me
	1=a little accurate		1=disagree		2=sounds like me
	2=moderately accurate		2=neutral		3=neutral
	3=quite a bit accurate		3=agree		4=does not sound like me
	4=extremely accurate		4=strongly agree		5=definitely does not sound like me
CMI	-2=disagree	AGR04R	0=strongly agree	T/F	0=false
	-1=slightly disagree		1=agree		1=true
	0=neutral		2=neutral		
	1=slightly agree		3=disagree	T/F-R	0=true
	2=agree		4=strongly disagree		1=false
CMIR	-2=agree	AGR15	1=strongly disagree	FRQ14	1=rarely
	-1=slightly agree		2=disagree		2=[>rarely]
	0=neutral		3=neutral		3=[<frequently]
	1=slightly disagree		4=agree		4=frequently
	2=disagree		5=strongly agree		
				FRQ14R	1=frequently
ACC15	1=very inaccurate	AGR15R	1=strongly agree		2=[<frequently]
	2=moderately inaccurate		2=agree		3=[>rarely]
	3=neutral		3=neutral		4=rarely
	4=moderately accurate		4=disagree		
	5=very accurate		5=strongly disagree		

PSYCHOLOGICAL & SOCIAL **Value Labels for Categorical and Dichotomous Variables (2/3)**

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
AGR17	1=disagree strongly	SNLREL	0=haven't lived with anyone	SNIEM2	0=no email communication
	2=[disagree]		1=have lived with someone		1=yes email communication
	3=[disagree slightly]				888=not applicable
	4=neutral/mixed	SNINUM	0=none or non-applicable		
	5=[agree slightly]		1	SNIEM3	0=no/not applicable
	6=[agree]		2		1=yes
	7=agree strongly		3		
			4	SPM16	1=not at all in the past year
TSC14	1=never		5		2=1-5 times this past year
	2=[>never]		6		3=once a month or every two weeks
	3=[<often]		7=7 or more		4=once every two to three weeks
	4=often				5=once a week
		SNIPAR	1=neither		6=more than once a week
TF03	0=definitely false		2=mother only		
	1=probably false		3=father only	AGR16	1=strongly disagree
	2=probably true		4=both		2=moderately disagree
	3=definitely true				3=slightly disagree
		SNIINL	1=neither		4=slightly agree
TF03R	0=definitely true		2=mother-in-law only		5=moderately agree
	1=probably true		3=father-in-law only		6=strongly agree
	2=probably false		4=both		
	3=definitely false			AGR16R	1=strongly agree
		YES/NO	0=no		2=moderately agree
FRQ03	0=never		1=yes		3=slightly agree
	1=once in a while				4=slightly disagree
	2=fairly often	SNIROLE	0=does not hold this role		5=moderately disagree
	3=very often		1=holds this role		6=strongly disagree
SNIMAR	1=married/marital-like relationship	SNIEM1	0=unchecked	LELSAME	0=same
	2=never married/marital-like relationship		1=do not use email		1=better
	3=separated				2=worse
	4=divorced/formerly in marital-like relat.				
	5=widowed				

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

CODE	VALUE LABELS	CODE	VALUE LABELS	CODE	VALUE LABELS
LELEXP	1=very good	LELJOB	1=on strike	LELFIN	0=better
	2=moderately good		2=temporarily laid off		1=worse
	3=slightly good		3=fired		
	4=slightly bad		4=found better job	FRQ04	0=never
	5=moderately bad		5=plant or business closing or reorganizing		1=almost never
	6=very bad		6=retired		2=sometimes
			7=other		3=fairly often
LELPLAN	0=planned				4=very often
	1=unplanned	LELDIS	1=demoted		
			2=failed to get raise or promotion	FRQ04R	0=very often
LEWHO1	1=self		3=failed a course		1=fairly often
	2=spouse/partner		4=trouble with boss or coworkers		2=sometimes
	3=both		5=put on academic probation		3=almost never
			6=failed to get into an educational course		4=never
			7=other		

Return to ToC

SELF-REPORTED HEALTH

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
SLFHLTH	*****BEGIN SELF-REPORTED HEALTH DATA*****		
srh.genhlth	Self-reported Health: SF-36, in general, would you say your health is	GENHLTH	
srh.hlthage	Self-reported Health: SF36, health compared to others your age	GENHLTH	
srh.lmp1	Self-reported Health: LMP date reported 7-8 weeks pre-quarantine		
srh.lmp2	Self-reported Health: LMP date reported 6 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.nomenstr	Self-reported Health: no longer has a period	YES/NO	
srh.lmp1conf	Self-reported Health: how sure of 1st reported LMP date	YES/NO	
srh.mensdur	Self-reported Health: avg duration of menstrual period (days)		
srh.regmenstr	Self-reported Health: regular menstrual cycle	YES/NO	
srh.cyclngth	Self-reported Health: avg length menstrual cycle (days)		
srh.bcp	Self-reported Health: do you take birth control pills?	YES/NO	
srh.norplant	Self-reported Health: do you have a norplant implant?	YES/NO	
srh.ert	Self-reported Health: are you on estrogen replacement therapy?	YES/NO	
srh.hrt	Self-reported Health: do you take any other hormones?	YES/NO	

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

Code	Value Labels	Code	Value Labels
GENHLTH	1=excellent	YES/NO	0=no
	2=very good		1=yes
	3=good		
	4=fair		
	5=poor		

TRIAL DATA

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
TRIAL	*****BEGIN TRIAL DATA*****		
trialnum	Trial number		
trialdate	Calendar date of viral challenge		
cohort	Number of participants in trial		
month	Month of trial	MONTH	
season	Season of trial	SEASON	
winter	Season of trial: winter (Dec-Jan-Feb)		if (season = 1) winter = 1; if (season ne 1) winter = 0.
spring	Season of trial: spring (Mar-Apr-May)		if (season = 2) spring = 1; if (season ne 2) spring = 0.
summer	Season of trial: summer (Jun-Jul-Aug)		if (season = 3) summer = 1; if (season ne 3) summer = 0.
fall	Season of trial: fall (Sep-Oct-Nov)		if (season = 4) fall = 1; if (season ne 4) fall = 0.

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

Code	Value Labels	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*****		
q0.happy	Pre-challenge (Day 0) happy	AFF04	
q0.tired	Pre-challenge (Day 0) tired		
q0.calm	Pre-challenge (Day 0) calm		
q0.sad	Pre-challenge (Day 0) sad		
q0.fpep	Pre-challenge (Day 0) full of pep		
q0.hostl	Pre-challenge (Day 0) hostile		
q0.edge	Pre-challenge (Day 0) on edge		
q0.fatig	Pre-challenge (Day 0) fatigued		
q0.lively	Pre-challenge (Day 0) lively		
q0.angry	Pre-challenge (Day 0) angry		
q0.chrfl	Pre-challenge (Day 0) cheerful		
q0.tense	Pre-challenge (Day 0) tense		
q0.ease	Pre-challenge (Day 0) at ease		
q0.unhpy	Pre-challenge (Day 0) unhappy		
q1.happy	Post-challenge Day 1 happy		
q1.tired	Post-challenge Day 1 tired		
q1.calm	Post-challenge Day 1 calm		
q1.sad	Post-challenge Day 1 sad		
q1.fpep	Post-challenge Day 1 full of pep		
q1.hostl	Post-challenge Day 1 hostile		
q1.edge	Post-challenge Day 1 on edge		
q1.fatig	Post-challenge Day 1 fatigued		
q1.lively	Post-challenge Day 1 lively		
q1.angry	Post-challenge Day 1 angry		
q1.chrfl	Post-challenge Day 1 cheerful		
q1.tense	Post-challenge Day 1 tense		
q1.ease	Post-challenge Day 1 at ease		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q1.unhpy	Post-challenge Day 1 unhappy	AFF04	
q2.happy	Post-challenge Day 2 happy		
q2.tired	Post-challenge Day 2 tired		
q2.calm	Post-challenge Day 2 calm		
q2.sad	Post-challenge Day 2 sad		
q2.fpep	Post-challenge Day 2 full of pep		
q2.hostl	Post-challenge Day 2 hostile		
q2.edge	Post-challenge Day 2 on edge		
q2.fatig	Post-challenge Day 2 fatigued		
q2.lively	Post-challenge Day 2 lively		
q2.angry	Post-challenge Day 2 angry		
q2.chrfl	Post-challenge Day 2 cheerful		
q2.tense	Post-challenge Day 2 tense		
q2.ease	Post-challenge Day 2 at ease		
q2.unhpy	Post-challenge Day 2 unhappy		
q3.happy	Post-challenge Day 3 happy		
q3.tired	Post-challenge Day 3 tired		
q3.calm	Post-challenge Day 3 calm		
q3.sad	Post-challenge Day 3 sad		
q3.fpep	Post-challenge Day 3 full of pep		
q3.hostl	Post-challenge Day 3 hostile		
q3.edge	Post-challenge Day 3 on edge		
q3.fatig	Post-challenge Day 3 fatigued		
q3.lively	Post-challenge Day 3 lively		
q3.angry	Post-challenge Day 3 angry		
q3.chrfl	Post-challenge Day 3 cheerful		
q3.tense	Post-challenge Day 3 tense		
q3.ease	Post-challenge Day 3 at ease		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q3.unhpy	Post-challenge Day 3 unhappy	AFF04	
q4.happy	Post-challenge Day 4 happy		
q4.tired	Post-challenge Day 4 tired		
q4.calm	Post-challenge Day 4 calm		
q4.sad	Post-challenge Day 4 sad		
q4.fpep	Post-challenge Day 4 full of pep		
q4.hostl	Post-challenge Day 4 hostile		
q4.edge	Post-challenge Day 4 on edge		
q4.fatig	Post-challenge Day 4 fatigued		
q4.lively	Post-challenge Day 4 lively		
q4.angry	Post-challenge Day 4 angry		
q4.chrfl	Post-challenge Day 4 cheerful		
q4.tense	Post-challenge Day 4 tense		
q4.ease	Post-challenge Day 4 at ease		
q4.unhpy	Post-challenge Day 4 unhappy		
q5.happy	Post-challenge Day 5 happy		
q5.tired	Post-challenge Day 5 tired		
q5.calm	Post-challenge Day 5 calm		
q5.sad	Post-challenge Day 5 sad		
q5.fpep	Post-challenge Day 5 full of pep		
q5.hostl	Post-challenge Day 5 hostile		
q5.edge	Post-challenge Day 5 on edge		
q5.fatig	Post-challenge Day 5 fatigued		
q5.lively	Post-challenge Day 5 lively		
q5.angry	Post-challenge Day 5 angry		
q5.chrfl	Post-challenge Day 5 cheerful		
q5.tense	Post-challenge Day 5 tense		
q5.ease	Post-challenge Day 5 at ease		
q5.unhpy	Post-challenge Day 5 unhappy		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q0.vigscr	Pre-challenge (Day 0) Vigor subscale score		q0.vigscr = sum.2(q0.fpep, q0.lively). (computation repeated for all days in quarantine)
q1.vigscr	Post-challenge Day 1 Vigor subscale score		
q2.vigscr	Post-challenge Day 2 Vigor subscale score		
q3.vigscr	Post-challenge Day 3 Vigor subscale score		
q4.vigscr	Post-challenge Day 4 Vigor subscale score		
q5.vigscr	Post-challenge Day 5 Vigor subscale score		
q0.wlbgscr	Pre-challenge (Day 0) Well-Being subscale score		q0.wlbgscr = sum.2(q0.chrfl, q0.happy) (computation repeated for all days in quarantine)
q1.wlbgscr	Post-challenge Day 1 Well-Being subscale score		
q2.wlbgscr	Post-challenge Day 2 Well-Being subscale score		
q3.wlbgscr	Post-challenge Day 3 Well-Being subscale score		
q4.wlbgscr	Post-challenge Day 4 Well-Being subscale score		
q5.wlbgscr	Post-challenge Day 5 Well-Being subscale score		
q0.calmscr	Pre-challenge (Day 0) Calm subscale score		q0.calmscr = sum.2(q0.calm, q0.ease) (computation repeated for all days in quarantine)
q1.calmscr	Post-challenge Day 1 Calm subscale score		
q2.calmscr	Post-challenge Day 2 Calm subscale score		
q3.calmscr	Post-challenge Day 3 Calms subscale score		
q4.calmscr	Post-challenge Day 4 Calm subscale score		
q5.calmscr	Post-challenge Day 5 Calm subscale score		
q0.angscr	Pre-challenge (Day 0) Anger subscale score		q0.angscr = sum.2(q0.hostl , q0.angry) (computation repeated for all days in quarantine)
q1.angscr	Post-challenge Day 1 Anger subscale score		
q2.angscr	Post-challenge Day 2 Anger subscale score		
q3.angscr	Post-challenge Day 3 Anger subscale score		
q4.angscr	Post-challenge Day 4 Anger subscale score		
q5.angscr	Post-challenge Day 5 Anger subscale score		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q0.anxscr	Pre-challenge (Day 0) Anxiety subscale score		q0.anxscr = sum.2(q0.edge, q0.tense). (computation repeated for all days in quarantine)
q1.anxscr	Post-challenge Day 1 Anxiety subscale score		
q2.anxscr	Post-challenge Day 2 Anxiety subscale score		
q3.anxscr	Post-challenge Day 3 Anxiety subscale score		
q4.anxscr	Post-challenge Day 4 Anxiety subscale score		
q5.anxscr	Post-challenge Day 5 Anxiety subscale score		
q0.dprsscr	Pre-challenge (Day 0) Depressed subscale score		q0.dprsscr = sum.2(q0.sad, q0.unhpy). (computation repeated for all days in quarantine)
q1.dprsscr	Post-challenge Day 1 Depressed subscale score		
q2.dprsscr	Post-challenge Day 2 Depressed subscale score		
q3.dprsscr	Post-challenge Day 3 Depressed subscale score		
q4.dprsscr	Post-challenge Day 4 Depressed subscale score		
q5.dprsscr	Post-challenge Day 5 Depressed subscale score		
q0.fatgscr	Pre-challenge (Day 0) Fatigue subscale score		q0.fatgscr = sum.2(q0.tired, q0.fatig). (computation repeated for all days in quarantine)
q1.fatgscr	Post-challenge Day 1 Fatigue subscale score		
q2.fatgscr	Post-challenge Day 2 Fatigue subscale score		
q3.fatgscr	Post-challenge Day 3 Fatigue subscale score		
q4.fatgscr	Post-challenge Day 4 Fatigue subscale score		
q5.fatgscr	Post-challenge Day 5 Fatigue subscale score		
q0.posaf	Pre-challenge (Day 0) Positive Affect score		q0.posaf = sum.3(q0.vigscr, q0.wlbgscr, q0.calmscr) (computation repeated for all days in quarantine)
q1.posaf	Post-challenge Day 1 Positive Affect score		
q2.posaf	Post-challenge Day 2 Positive Affect score		
q3.posaf	Post-challenge Day 3 Positive Affect score		
q4.posaf	Post-challenge Day 4 Positive Affect score		
q5.posaf	Post-challenge Day 5 Positive Affect score		

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
q0.negaf	Pre-challenge (Day 0) Negative Affect score		q0.negaf = sum.3(q0.angscr, q0.anx_scr, q0.dprsscr). (computation repeated for all days in quarantine)
q1.negaf	Post-challenge Day 1 Negative Affect score		
q2.negaf	Post-challenge Day 2 Negative Affect score		
q3.negaf	Post-challenge Day 3 Negative Affect score		
q4.negaf	Post-challenge Day 4 Negative Affect score		
q5.negaf	Post-challenge Day 5 Negative Affect score		
q0.negftg	Pre-challenge (Day 0) Negative Affect (with Fatigue)		q0.negftg = sum.4(q0.angscr, q0.anxscr, q0.dprsscr, q0.fatgscr). (computation repeated for all days in quarantine)
q1.negftg	Post-challenge Day 1 Negative Affect (with Fatigue)		
q2.negftg	Post-challenge Day 2 Negative Affect (with Fatigue)		
q3.negftg	Post-challenge Day 3 Negative Affect (with Fatigue)		
q4.negftg	Post-challenge Day 4 Negative Affect (with Fatigue)		
q5.negftg	Post-challenge Day 5 Negative Affect (with Fatigue)		
post.calmscr	Average post-challenge Calm score		post.calmscr = mean(q1.calmscr to q5.calmscr)
post.wlbgscr	Average post-challenge Well-Being score		post.wlbgscr = mean(q1.wlbgscr to q5.wlbgscr)
post.vigscr	Average post-challenge Vigor score		post.vigscr = mean(q1.vigscr to q5.vigscr)
post.angscr	Average post-challenge Anger score		post.angscr = mean(q1.angscr to q5.angscr)
post.anxscr	Average post-challenge Anxiety score		post.anxscr = mean(q1.anxscr to q5.anxscr)
post.dprsscr	Average post-challenge Depressed score		post.dprsscr = mean(q1.dprsscr to q5.dprsscr)
post.fatgscr	Average post-challenge Fatigue score		post.fatgscr = mean(q1.fatgscr to q5.fatgscr)
post.posaf	Average post-challenge Positive Affect score		post.posaf = mean(q1.posaf to q5.posaf)
post.negaf	Average post-challenge Negative Affect score		post.negaf = mean(q1.negaf to q5.negaf)
post.negftg	Average post-challenge (including Fatigue subscale)		post.negftg = mean(q1.negftg to q5.negftg)

VARIABLE NAME	VARIABLE LABEL	VALUE LABELS	FORMULA
qhlthbeh	*****HEALTH BEHAVIORS IN QUARANTINE*****		
q0.smoke	Pre-challenge (Day 0) - Smoke?	YES/NO	
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?		
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.		
q0.drink	Pre-challenge (Day 0) - Drink?	YES/NO	
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?		
q0.drnknum	Pre-challenge (Day 0) - total alcoholic beverages		
q1.drnknum	Post-challenge Day 1 - total alcoholic beverages		
q2.drnknum	Post-challenge Day 2 - total alcoholic beverages		
q3.drnknum	Post-challenge Day 3 - total alcoholic beverages		
q4.drnknum	Post-challenge Day 4 - total alcoholic beverages		
q5.drnknum	Post-challenge Day 5 - total alcoholic beverages		
q0.exerc	Pre-challenge (Day 0) - Exercise?	YES/NO	
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?		

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

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

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

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
DAILYINT	*****BEGIN AGGREGATED DAILY INTERVIEW DATA*****		
di.totcomplete	DI - Total 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.angry_avg	DI - Average Daily Affect: angry		di.angry_avg = mean(di1.angry to di14.angry).
di.chrfl_avg	DI - Average Daily Affect: cheerful		di.chrfl_avg = mean(di1.chrfl to di14.chrfl).
di.tense_avg	DI - Average Daily Affect: tense		di.tense_avg = mean(di1.tense to di14.tense).
di.ease_avg	DI - Average Daily Affect: at ease		di.ease_avg = mean(di1.ease to di14.ease).
di.unhpy_avg	DI - Average Daily Affect: unhappy		di.unhpy_avg = mean(di1.unhpy to di14.unhpy).
di.wlbgscr_avg	DI - Average Daily Affect: well-being subscale score		di.wlbgscr_avg = mean(di1.wlbgscr to di14.wlbgscr).
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).
di.lonly_avg	DI - Average Daily Affect: lonely		di.lonly_avg = mean(di1.lonly to di14.lonly).
di.isolat_avg	DI - Average Daily Affect: isolated		di.isolat_avg = mean(di1.isolat to di14.isolat).
di.lonscr_avg	DI - Average Daily Affect: loneliness score		di.lonscr_avg = mean(di1.lonscr to di14.lonscr).
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))/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 # interview 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.bedslp_avg	DI: Avg time in bed intending to sleep (minutes)		di.bedslp_avg = mean(di1.bedslp to di14.bedslp).
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.slpmin_avg	DI: Avg sleep duration (minutes)		di.slpmin_avg = mean(di1.slpmin to di14.slpmin).
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.
di.napdays	DI: Total days with nap		di.napdays = mean(di1.nap to di14.nap)*14.

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
di.napn_avg	DI: Average nap duration (minutes) – all interviews		di.napn_avg = mean(di1.napn to di14.napn).
di.napn_avg2	DI: Average nap duration (minutes) – nap days only		di.napn_avg2 = (sum(di1.napn to di14.napn))/di.napdays
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.
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).

AGGREGATED DAILY INTERVIEW DATA

VAR NAME	VARIABLE LABEL	VALUES	FORMULA
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.bestdays	DI: Total days shared best thing that happened		di.bestdays = mean(di1s.best to di14s.best)*14.
di.tendays	DI: Total days spent romantic time with someone		di.romdays = mean(di1s.rom to di14s.rom)*14.
di.tendays	DI: Total days of tension with spouse or other person		di.tendays = mean(di1s.ten to di14s.ten)*14.
di.hugdays	DI: Total days with hug		di.hugdays = mean(di1s.hug to di14s.hug)*14.
dailysym	*****AVERAGE/TOTAL DAILY SYMPTOMS*****		
di.nascon_avg	DI - Average daily interview congestion		di.nascon_avg = mean(di1.nascon to di14.nascon).
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.srthr_avg	DI - Average daily interview sore throat		di.srthr_avg = mean(di1.srthr to di14.srthr).
di.cough_avg	DI - Average daily interview cough		di.cough_avg = mean(di1.cough to di14.cough).
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).
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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REACTIVITY SESSION 1 CORTISOL AUC CALCULATIONS

The following calculations were used to compute saliva cortisol AUC during the first laboratory reactivity session. Identical computations were used to compute cortisol AUC for session 2. "Diff" variables indicate the difference in time between any 2 given samples.

```
if (missing(s1cort2) or missing(s1time2))
  s1cort_auc = ((s1cort1+s1cort3)*(s1diff13)/2) + ((s1cort3+s1cort4)*(s1diff34)/2) + ((s1cort4+s1cort5)*(s1diff45)/2) +
((s1cort5+s1cort6)*(s1diff56)/2).

if (missing(s1cort3) or missing(s1time3))
  s1cort_auc = ((s1cort1+s1cort2)*(s1diff12)/2) + ((s1cort2+s1cort4)*(s1diff24)/2) + ((s1cort4+s1cort5)*(s1diff45)/2) +
((s1cort5+s1cort6)*(s1diff56)/2).

if (missing(s1cort4) or missing(s1time4))
  s1cort_auc = ((s1cort1+s1cort2)*(s1diff12)/2) + ((s1cort2+s1cort3)*(s1diff23)/2) + ((s1cort3+s1cort5)*(s1diff35)/2) +
((s1cort5+s1cort6)*(s1diff56)/2).

if (missing(s1cort5) or missing(s1time5))
  s1cort_auc = ((s1cort1+s1cort2)*(s1diff12)/2) + ((s1cort2+s1cort3)*(s1diff23)/2) + ((s1cort3+s1cort4)*(s1diff34)/2) +
((s1cort4+s1cort6)*(s1diff46)/2).

if (missing(s1cort2) and (missing(s1cort3)) or (missing(s1time2)) and missing(s1time3))
  s1cort_auc = ((s1cort1+s1cort4)*(s1diff14)/2) + ((s1cort4+s1cort5)*(s1diff45)/2) + ((s1cort5+s1cort6)*(s1diff56)/2).

if (missing(s1cort2) and (missing(s1cort4)) or (missing(s1time2)) and missing(s1time4))
  s1cort_auc = ((s1cort1+s1cort3)*(s1diff13)/2) + ((s1cort3+s1cort5)*(s1diff35)/2) + ((s1cort5+s1cort6)*(s1diff56)/2).

if (missing(s1cort2) and (missing(s1cort5)) or (missing(s1time2)) and missing(s1time5))
 s1cort_auc = ((s1cort1+s1cort3)*(s1diff13)/2) + ((s1cort3+s1cort4)*(s1diff34)/2) + ((s1cort4+s1cort6)*(s1diff46)/2).

if (missing(s1cort3) and (missing(s1cort4)) or (missing(s1time3)) and missing(s1time4))
  s1cort_auc = ((s1cort1+s1cort2)*(s1diff12)/2) + ((s1cort2+s1cort5)*(s1diff25)/2) + ((s1cort5+s1cort6)*(s1diff56)/2).

if (missing(s1cort3) and (missing(s1cort5)) or (missing(s1time3)) and missing(s1time5))
  s1cort_auc = ((s1cort1+s1cort2)*(s1diff12)/2) + ((s1cort2+s1cort4)*(s1diff24)/2) + ((s1cort4+s1cort6)*(s1diff46)/2).

if (missing(s1cort4) and (missing(s1cort5)) or (missing(s1time4)) and missing(s1time5))
  s1cort_auc = ((s1cort1+s1cort2)*(s1diff12)/2) + ((s1cort2+s1cort3)*(s1diff23)/2) + ((s1cort3+s1cort6)*(s1diff36)/2).

execute.
```

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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.
```