Data Set Name: actigform.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	CACARM	Num	8	DOM.	11.	Which arm was the actigraph worn on
2	CACRCVD	Num	8	YNADK.	11.	Did the Resident receive an actigraph?
3	CACRSN	Num	8	PROBG.	11.	Reason actigraph not received
4	CACSRLNUM	Char	25	$25.	$25.	Actigraph serial number
5	WAVE	Num	8	WAVE.		Wave
6	PERIOD	Num	8	PERIOD.		Period
7	TX	Num	8	TX.		Schedule (EDWR or RCWR)
8	NUMFILE	Num	8	SPMISS.		number of actigraphy recordings used for this resident-rotation
9	HIGHACT	Num	8	YNADK.		This resident-rotations recording had some time with extremely high activity that was deleted
10	FUTURE	Num	8	YNADK.		This resident-rotations recording had anomalous future data that was deleted
11	DSTFALL	Num	8	YNADK.		This resident-rotations recording included DST change during the fall
12	DSTSPRING	Num	8	YNADK.		This resident-rotations recording included DST change during the spring
13	TIMESHIFT	Num	8	YNADK.		This resident-rotations recording had time corrected because computer closk time was off
14	CACACTIG	Num	8	YNADK.		Has any usable actigraphy data
15	CACLT90	Num	8	YNADK.		Doesnt have actig recording for <=90% of the rotation length
16	CACLT90RSN	Num	8	LT90RSN.		Reason no actig recording for >=90% of the rotation length
17	CACACTIGNO	Num	8	PROBG.		Reason no useable actigraphy data
18	IDRES	Num	8			Public Data Release Resident Study ID
19	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: baseline.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	BSLAGE	Num	8	SPMISS.	11.	Age (years) truncated
2	BSLALARM	Num	8	INDE.	11.	Dependent on alarm clock
3	BSLALERT	Num	8	ALER.	11.	How alert first 1/2 awake in am
4	BSLAPPETIT	Num	8	PO.	11.	How is appetite first 1/2 awake in am
5	BSLAWKERLY	Num	8	BED.	11.	Awake 4-6 am for night watch, how slept
6	BSLAWKNT	Num	8	PROBA.	11.	Any difficulty...Awakenings during night
7	BSLAWKTRD	Num	8	FRQW.	11.	How often do you feel tired/fatigued after sleep
8	BSLBDNOCMT	Num	8	WHENA.	11.	No commitments next day, what time to bed
9	BSLBED11PM	Num	8	TITI.	11.	Went to bed at 11 pm, level of tiredness
10	BSLBEDLATE	Num	8	WAKEU.	11.	Bed several hrs later than usual, how wake
11	BSLCHILD	Num	8	YNADK.	11.	Who lives in household: Children
12	BSLDAYTRD	Num	8	FRQW.	11.	During waking time, do you feel tired/fatigued
13	BSLDEP	Num	8	YNADK.	11.	Have you ever had...Depression
14	BSLESYGTUP	Num	8	EZ.	11.	How easy to get up in am
15	BSLETHNIC	Num	8	HISP.	11.	Ethnicity
16	BSLEXRCSAM	Num	8	FORM.	11.	Physical exercise 7-8 am, how would you perform
17	BSLEXRCSPM	Num	8	FORM.	11.	Hard physical exercise 10-11 pm, how would you perform
18	BSLFINAWK	Num	8	EARLY.	11.	Any difficulty...Final awakening earlier than desired
19	BSLFMLYOTR	Num	8	YNADK.	11.	Who lives in household: Other family
20	BSLFUNCDY	Num	8	DECZ.	11.	Any difficulty...functioning during the day
21	BSLGENDER	Num	8	GEND.	11.	Gender
22	BSLHBP	Num	8	YNADK.	11.	Have you ever had...High blood pressure
23	BSLHRSREST	Num	8	SPMISS.	11.	On avg, hrs sleep need to feel rested per 24 hrs
24	BSLHRSSCH	Num	8	SPMISS.	11.	On avg, hrs sleep got per 24 hrs final yr of med school
25	BSLMILEWK	Num	8	SPMISS.	11.	Miles live from your workplace
26	BSLMNCMUT	Num	8	TRANS.	11.	Predominant means of commuting to/from work
27	BSLPET	Num	8	YNADK.	11.	Who lives in household: Pet
28	BSLPGY	Num	8	PGY.	11.	Year of residency program
29	BSLPKPRFM	Num	8	CLOA.	11.	Testing times for peak mental performance
30	BSLPRTNR	Num	8	YNADK.	11.	Who lives in household: Spouse/partner
31	BSLRMMATE	Num	8	YNADK.	11.	Who lives in household: Roommate
32	BSLSLPDIS	Num	8	YNADK.	11.	Have you ever had...Sleep Disorders
33	BSLSLPDRV	Num	8	YNADK.	11.	Ever nodded off/fallen asleep while driving a vehicle
34	BSLSLPDUR	Num	8	SUFF.	11.	Any difficulty...total sleep duration
35	BSLSLPIND	Num	8	PROBB.	11.	Any difficulty...sleep induction
36	BSLSLPQLTY	Num	8	SATISF.	11.	Any difficulty...overall quality of sleep

Num	Variable	Type	Len	Format	Informat	Label
37	BSLSLPYDY	Num	8	NINT.	11.	Any difficulty...sleepiness during the day
38	BSLSNORE	Num	8	YNADK.	11.	Do you snore
39	BSLSNSWB	Num	8	DECZ.	11.	Any difficulty...sense of well-being during the day
40	BSLSPCPRG	Num	8	DRT.	11.	Specialty program this year
41	BSLTIRED	Num	8	TIRED.	11.	How tired first 1/2 hour awake in am
42	BSLTMBED	Num	8	CLOD.	11.	Feeling best rhythm, time go to bed
43	BSLTMCMUT	Num	8	SPMISS.	11.	Minutes commuting each day (one direction)
44	BSLTMFLBST	Num	8	CLOCK.	11.	Time of day reach feeling best peak
45	BSLTMPHYWK	Num	8	CLOA.	11.	Best time for 2 hrs hard physical work
46	BSLTMTIRED	Num	8	CLOD.	11.	Time in pm feel tired/need sleep
47	BSLTMUP	Num	8	CLOC.	11.	Feeling best rhythm, time get up
48	BSLTYPE	Num	8	TYPE.	11.	Morning or evening person
49	BSLWEIGHT	Num	8	SPMISS.	11.	Weight, Lbs
50	BSLWRKHRS	Num	8	CLOB.	11.	Choose 5 hr work day
51	RACE	Num	8	RACE.		Race category
52	HGTINCHES	Num	8	SPMISS.		Height, inches
53	HGTCM	Num	8	SPMISS.		Height, cm (inches*2.54)
54	WGTKG	Num	8	SPMISS.		Weight, kg (lb*0.45359237)
55	BMI	Num	8	SPMISS.		Body mass index(kg/m**2)
56	BERLIN1	Num	8	SPMISS.		Berlin questionnaire category 1 (0-6)
57	BERLIN1_POS	Num	8	YNADK.		Positive on Berlin category 1 (>=2 pts)
58	BERLIN2	Num	8	SPMISS.		Berlin questionnaire category 2 (0-3)
59	BERLIN2_POS	Num	8	YNADK.		Positive on Berlin category 2 (>=2 pts)
60	BERLIN3_POS	Num	8	YNADK.		Positive on Berlin category 3 (bmi>=30 kg/m**2 or htn)
61	BERLIN_HIGH	Num	8	YNADK.		High risk of sleep apnea on Berlin q (>=2 of 3 positive categories)
62	MEQCAT	Num	8	MEQCAT.		5-categories of meq score
63	MEQSCORE	Num	8	SPMISS.		Morningness-eveningness questionnaire score (16-86)
64	DRIVEDIARY	Num	8	DRDIARY.		drive diary data none expected(0), has some(1) or driver but no diary(2)
65	WAVE	Num	8	WAVE.		Wave
66	PERIOD	Num	8	PERIOD.		Period
67	TX	Num	8	TX.		Schedule (EDWR or RCWR)
68	BASEDAYS	Num	8	SPMISS.		days from rotation start date to form completion date (bslfrmdt-aefrotsdt)
69	BSLCOMP	Num	8	YNADK.		In general, health is v good/excellent (1) vs poor/fair/good (0)
70	BSLMARRIED	Num	8	YNADK.		Married vs never married or divorced
71	IDRES	Num	8			Public Data Release Resident Study ID
72	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: drive.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	WAVE	Num	8	WAVE.		Wave
2	DIRECTION	Num	8	DIRECT.	6.	Direction driving to/from work
3	TRAFFIC	Num	8	TRAFFIC.	6.	How busy was traffic
4	NEAR_MISS	Num	8	YNADK.	6.	Near miss accident during drive
5	NM_FATIGUE	Num	8	YNADK.	6.	Near miss related to fatigue/drowsy driving
6	NM_INJURY	Num	8	YNADK.	6.	Was anyone injured in near miss
7	NM_SLEEP_DURATION	Num	8	SPMISS.	6.	Minutes of sleep in preceding 24 hours prior to near miss
8	NM_WAKE_DURATION	Num	8	SPMISS.	6.	Minutes awake prior to near miss
9	SLEEPY_START	Num	8	SLEEPY.	6.	Sleepiness at start of drive
10	SLEEPY_END	Num	8	SLEEPY.	6.	Sleepiness at end of drive
11	CELL_CALLS	Num	8	CELL.	6.	Number of cell phone calls
12	CELL_DURATION	Num	8	SPMISS.	6.	Duration of cell phone calls
13	SUNGLASSES	Num	8	YNADK.	6.	Did you wear sunglasses during drive
14	SNOWY	Num	8	YNADK.		Snowy during drive
15	ICY	Num	8	YNADK.		Icy during drive
16	HVYRAIN	Num	8	YNADK.		Heavy rain during drive
17	LTRAIN	Num	8	YNADK.		Light rain during drive
18	HVYFOG	Num	8	YNADK.		Heavy fog during drive
19	LTFOG	Num	8	YNADK.		Light fog during drive
20	CLOUDY	Num	8	YNADK.		Cloudy/overcast during drive
21	CLEAR	Num	8	YNADK.		Clear during drive
22	BRIGHT	Num	8	YNADK.		Bright during drive
23	SUNNY	Num	8	YNADK.		Very sunny (glare) during drive
24	PLYMUSIC	Num	8	YNADK.		Playing music during drive
25	COLDAIR	Num	8	YNADK.		Blowing cold air in face during drive
26	OPENWIND	Num	8	YNADK.		Opening windows during drive
27	GADGET	Num	8	YNADK.		Using other gadgets during drive
28	MENTAL	Num	8	YNADK.		Mental occupation during drive
29	DRINKCAF	Num	8	YNADK.		Drinking caffeine during drive
30	CHEWGUM	Num	8	YNADK.		Chewing gum during drive
31	CHGMUSIC	Num	8	YNADK.		Changing music often during drive
32	CELL	Num	8	YNADK.		Using cell phone during drive
33	NOACTION	Num	8	YNADK.		No activity during drive
34	DRWSYDRV	Num	8	YNADK.		Drowsy while driving
35	RUMBLE	Num	8	YNADK.		Hit the rumble strips
36	BRAKE	Num	8	YNADK.		Braked sharply

Num	Variable	Type	Len	Format	Informat	Label
37	RESTEYES	Num	8	YNADK.		Resting eyes during drive
38	MISSTURN	Num	8	YNADK.		Missed turn
39	DISTRACT	Num	8	YNADK.		Being districted during drive
40	NOTAWARE	Num	8	YNADK.		Lack of awarness during drive
41	SHOUT	Num	8	YNADK.		Shouting at another person during drive
42	FIXATION	Num	8	YNADK.		Fixation on interior/exterior object during drive
43	NOEVENT	Num	8	YNADK.		No events occurred during drive
44	PERIOD	Num	8	PERIOD.		Period
45	TX	Num	8	TX.		Schedule (EDWR or RCWR)
46	DRIVE_LENGTH	Num	8	SPMISS.		length of drive, min, MODIFIED
47	START_DAYS	Num	8	SPMISS.		Days from study start to date of start of drive
48	START_TIME	Num	8	TIME.		Time of start of drive
49	END_DAYS	Num	8	SPMISS.		Days from study start to date of end of drive
50	END_TIME	Num	8	TIME.		Time of end of drive
51	NM_DAYS	Num	8	SPMISS.		Days from study start to date of near miss
52	NM_TIME	Num	8	TIME.		Time of near miss
53	IDRES	Num	8			Public Data Release Resident Study ID
54	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: enrollment.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	AEFCONSENT	Num	8	CONSENT.	11.	Type of Consent
2	AEFDNA	Num	8	YNADK.	11.	Did Resident Provide DNA Sample?
3	WDFCNSNT	Num	8	WDCNSNT.	11.	Withdrawing consent for
4	ROTATIONDAYS	Num	8	SPMISS.		Length of rotation, days (end-start+1)
5	STUDYDAYS	Num	8	SPMISS.		Days in study, days ((end or withdrawal)-start+1)
6	WAVE	Num	8	WAVE.		Wave
7	PERIOD	Num	8	PERIOD.		Period
8	TX	Num	8	TX.		Schedule (EDWR or RCWR)
9	WITHDRAW	Num	8	YNADK.		Withdrew from study (either total or to observation only)
10	OBSONLY	Num	8	YNADK.		Observation only (may have changed partway through study)
11	WDFRSN	Num	8	STUDI.	11.	Reason withdrew or changed level of consent
12	ROTATIONSTART	Num	8	SPMISS.		Days from study start to start of rotation
13	IDRES	Num	8			Public Data Release Resident Study ID
14	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: eor.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ERSACCOMP	Num	8	HOFT.	11.	I have accomplished many worthwhile things in this job
2	ERSADSUP	Num	8	FRQA.	11.	On average over the last month, how often, if ever, did you care for patients WITHOUT what you considered adequate super
3	ERSANHST	Num	8	YNADK.	11.	In past month, took antihistamines
4	ERSANHSTDY	Num	8	SPMISS.	11.	# days used antihistamine
5	ERSAPPLABS	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..appropriate use of lab tests
6	ERSAPPRAD	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..appropriate use of radiology exams
7	ERSAUTON	Num	8	SATIS.	11.	what you expected from residency, experience during past month..appropriate autonomy in clinical decisions
8	ERSBDTCH	Num	8	SATIS.	11.	what you expected from residency, experience during past month..amount of bedside teaching
9	ERSBEER	Num	8	SPMISS.	11.	In past month, avg per week 12 oz glasses of beer
10	ERSBELITTL	Num	8	FRQB.	11.	How often in the past month did you receive belittling/humiliating treatment
11	ERSBLAME	Num	8	TIMEB.	11.	Been blaming yourself for things?
12	ERSBLUE	Num	8	TIMEB.	11.	Been feeling blue?
13	ERSBURN	Num	8	HOFT.	11.	I feel burned out from my work
14	ERSCALLOUS	Num	8	HOFT.	11.	I have become more callous toward people since I took this job
15	ERSCIGNUM	Num	8	CIGS.	11.	How many cigarettes do you smoke?
16	ERSCNTHRS	Num	8	SPMISS.	11.	In past month, longest # of continuous hours you were actually physically at work?
17	ERSCOFFEE	Num	8	SPMISS.	11.	In past month, avg per week cups of coffee
18	ERSCRITINF	Num	8	NTIM.	11.	How often during your last month working was critical information omitted during a sign-out you received?
19	ERSDECIND	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..independent decisions
20	ERSDIDTCH	Num	8	SATIS.	11.	what you expected from residency, experience during past month..time for didactic teaching
21	ERSDIFCNTR	Num	8	TIMEB.	11.	Had difficulty concentrating or making decisions?
22	ERSDIFFDX	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..differential diagnosis
23	ERSDIFFSLP	Num	8	TIMEB.	11.	Had difficulty falling asleep, staying asleep?
24	ERSDLEFF	Num	8	HOFT.	11.	I deal very effectively with the problems of my patients and their families
25	ERSDNTCARE	Num	8	HOFT.	11.	I dont really care what happens to some patients and/or their families
26	ERSDRIVE	Num	8	YNADK.	11.	In past month did you nod off/fall asleep while driving?
27	ERSDRIVENM	Num	8	SPMISS.	11.	# times nodded off/fell alseep while driving
28	ERSDYSOFF	Num	8	SPMISS.	11.	In the past month, how many unscheduled days off work did you have (i.e. sick days, personal emergencies, etc.)

Num	Variable	Type	Len	Format	Informat	Label
29	ERSEASEUND	Num	8	HOFT.	11.	I can easily understand how my patients and their families feel about things
30	ERSEMCALM	Num	8	HOFT.	11.	In my work, I deal with emotional problems very calmly
31	ERSEMTNDRN	Num	8	HOFT.	11.	I feel emotionally drained from my work
32	ERSENDROPE	Num	8	HOFT.	11.	I feel like I am at the end of my rope
33	ERSENERGTC	Num	8	HOFT.	11.	I feel very energetic
34	ERSERRINF	Num	8	NTIM.	11.	How many times during your last month working did you receive erroneous information during a sign out, or team rounds?
35	ERSETHIC	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..ethical decision-making
36	ERSEVALEV	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..evaluating evidence from literature
37	ERSEXPOTR	Num	8	YNADK.	11.	In past month, did you cause an occupational exposure to others?
38	ERSEXPSLF	Num	8	YNADK.	11.	In past month, did you have an personal occupational exposure?
39	ERSFATIGUE	Num	8	HOFT.	11.	I feel fatigued when I get up in the morning and have to face another day on the job
40	ERSFRMLRN	Num	8	SPMISS.	11.	In past month, avg hrs/week spent on formal structured learning
41	ERSFRUSTR	Num	8	HOFT.	11.	I feel frustrated by my job
42	ERSGENPROC	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..general procedure competency
43	ERSHOPELS	Num	8	TIMEB.	11.	Been feeling hopeless about the future?
44	ERSHRDEM	Num	8	HOFT.	11.	I worry that this job is hardening me emotionally
45	ERSIMPOBJ	Num	8	HOFT.	11.	I feel I treat some patients and/or their families as if they were impersonal objects
46	ERSIMPRCND	Num	8	NTIM.	11.	On average over the last month, how often, if ever, did you personally work in what you considered an impaired condition
47	ERSINTVPTS	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..interviewing patients
48	ERSJEOPREL	Num	8	FRQB.	11.	How often in the past month did you jeopardize spousal/partner relationship due to work
49	ERSLCTR	Num	8	YNADK.	11.	In past month did you nod off/fall asleep during lectures, seminars, or grand rounds?
50	ERSLCTRNM	Num	8	SPMISS.	11.	# times nodded off/fell alseep during lectures, seminars, or grand rounds
51	ERSLEISURE	Num	8	SPMISS.	11.	In past month, avg hrs/week spent in leisure activities outside workplace
52	ERSLIQUOR	Num	8	SPMISS.	11.	In past month, avg per week shots of liquor
53	ERSLOWEN	Num	8	TIMEB.	11.	Been feeling low in energy, slowed down?
54	ERSMEDLIT	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..searching medical literature
55	ERSMVINC	Num	8	YNNA.	11.	In the past month, did you have any motor vehicle accidents, crashes or near misses in which you were driving?
56	ERSNOINT	Num	8	TIMEB.	11.	Been feeling no interest in things?
57	ERSNOSLPHR	Num	8	SPMISS.	11.	In the past month, what was the longest number of continuous hours you went without sleep?

Num	Variable	Type	Len	Format	Informat	Label
58	ERSORGEFF	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..organization and efficiency
59	ERSPATHOPH	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..application of pathophysiology
60	ERSPERSOBL	Num	8	FRQB.	11.	How often in the past month did you trade off personal/family obligations in favor of work
61	ERSPHSTRS	Num	8	SATIS.	11.	what you expected from residency, experience during past month..level of physical stress
62	ERSPHYSEX	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..physical examination
63	ERSPOORAPP	Num	8	TIMEB.	11.	Had poor appetite?
64	ERSPOSINF	Num	8	HOFT.	11.	I feel I am positively influencing other people's lives through my work
65	ERSPPRWRK	Num	8	SPMISS.	11.	In past month, avg hrs/week spent on workplace duties (non-patient care)
66	ERSPROC	Num	8	YNADK.	11.	In past month did you nod off/fall asleep while doing a procedure?
67	ERSPROCNM	Num	8	SPMISS.	11.	# times nodded off/fell alseep doing a procedure
68	ERSPROF	Num	8	SATIS.	11.	what you expected from residency, experience during past month..professionalism
69	ERSPSYSTRS	Num	8	SATIS.	11.	what you expected from residency, experience during past month..level of psychological stress
70	ERSPTBLAME	Num	8	HOFT.	11.	I feel my patients and/or their families blame me for some of their problems
71	ERSPTCARE	Num	8	SPMISS.	11.	In past month, avg hrs/week spent participating in direct patient care
72	ERSQLTYCOM	Num	8	PEX.	11.	Overall, how would you rate the quality of communication you received during your last month working?
73	ERSQLTYEXP	Num	8	PEX.	11.	Overall, please rate the quality of your educational experience on your last month in the ICU
74	ERSQLTYTMWK	Num	8	PEX.	11.	Overall, how would you rate the quality of teamwork between yourself and your colleagues during your last month working?
75	ERSQLTYWRK	Num	8	PEX.	11.	Overall, please rate the quality of your work experience on your last month in the ICU
76	ERSRCRTN	Num	8	SATIS.	11.	what you expected from residency, experience during past month..time for recreation/exercise
77	ERSRLXATM	Num	8	HOFT.	11.	I can easily create a relaxed atmosphere with my patients and their families
78	ERSRNDS	Num	8	YNADK.	11.	In past month did you nod off/fall asleep during rounds?
79	ERSRNDSNM	Num	8	SPMISS.	11.	# times nodded off/fell alseep during rounds
80	ERSRSRCH	Num	8	SATIS.	11.	what you expected from residency, experience during past month..time to pursue research/professional interests
81	ERSSDLRN	Num	8	SPMISS.	11.	In past month, avg hrs/week spent on self-directed learning outside workplace
82	ERSSKIP	Num	8	FRQB.	11.	How often in the past month did you skip >=1 meal/day while working
83	ERSSLPHRS	Num	8	SPMISS.	11.	On average, how many hours of sleep did you get per 24 hours over the past month?
84	ERSSMOKE	Num	8	YNADK.	11.	Do you currently smoke cigarettes?
85	ERSSODA	Num	8	SPMISS.	11.	In past month, avg per week glasses of caffeinated soft drinks

Num	Variable	Type	Len	Format	Informat	Label
86	ERSSPRVNAT	Num	8	SATIS.	11.	what you expected from residency, experience during past month..clinical supervision by physicians
87	ERSSPRVNRS	Num	8	SATIS.	11.	what you expected from residency, experience during past month..clinical supervision by residents
88	ERSSTRESS	Num	8	HOFT.	11.	Working with people directly puts too much stress on me
89	ERSSTUDY	Num	8	SATIS.	11.	what you expected from residency, experience during past month..time to study independently
90	ERSSUIPLN	Num	8	YNADK.	11.	Do you have a plan?
91	ERSTEA	Num	8	SPMISS.	11.	In past month, avg per week cups of tea
92	ERSTEACH	Num	8	SPMISS.	11.	In past month, avg hrs/week spent teaching students or housestaff
93	ERSTRFC	Num	8	YNADK.	11.	In past month did you nod off/fall asleep while stopped in traffic?
94	ERSTRFCNM	Num	8	SPMISS.	11.	# times nodded off/fell alseep while stopped in traffic
95	ERSURIDY	Num	8	SPMISS.	11.	Over the past month, for about how many days in total did you suffer from upper respiratory illnesses?
96	ERSUSEDUP	Num	8	HOFT.	11.	I feel used up at the end of the workday
97	ERSVERBPRS	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..verbal presentation to patients
98	ERSVGREXHR	Num	8	SPMISS.	11.	In past month, avg hours/week spent doing vigorous exercise
99	ERSWINE	Num	8	SPMISS.	11.	In past month, avg per week glasses of wine
100	ERSWRKHARD	Num	8	HOFT.	11.	I feel I am working too hard on my job
101	ERSWRKHRS	Num	8	SATIS.	11.	what you expected from residency, experience during past month..work hours
102	ERSWRKILL	Num	8	FRQB.	11.	How often in the past month did you work despite illness
103	ERSWRKLOAD	Num	8	SATIS.	11.	what you expected from residency, experience during past month..workload while on duty
104	ERSWRKNURS	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..working with nursing staff
105	ERSWRKPT	Num	8	NONLOT.	11.	Training this year offered opportunity to obtain skills/knowledge..working with patients/families
106	ERSWRKSTRN	Num	8	HOFT.	11.	Working with people all day is really a strain for me
107	ERSWRTHLSNS	Num	8	TIMEB.	11.	Had feelings of worthlessness?
108	CAFFWK	Num	8	SPMISS.		(mg/week) caffeine intake
109	CAFFDY	Num	8	SPMISS.		(mg/day) caffeine intake
110	DRNKWK	Num	8	SPMISS.		Average alcoholic drinks per week
111	DRNKDY	Num	8	SPMISS.		Average alcoholic drinks per day
112	HANDS30	Num	8	SPMISS.		HANDS depression score (0-30)
113	HANDSYN	Num	8	YNADK.		Major depressive disorder likely (HANDS score>=9)
114	WAVE	Num	8	WAVE.		Wave
115	PERIOD	Num	8	PERIOD.		Period
116	TX	Num	8	TX.		Schedule (EDWR or RCWR)
117	EORDAYS	Num	8	SPMISS.		days from rotation end date to form completion date (ersfrmdt-aefrotedt)
118	ERSSLPMED	Num	8	YNADK.		In past month, took any type of sleep medication

Num	Variable	Type	Len	Format	Informat	Label
119	ERSADEPR	Num	8	YNADK.		In past month, took any type of antidepressant
120	IDRES	Num	8			Public Data Release Resident Study ID
121	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: events.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	SEFCHREV	Num	8	YNADK.	11.	Source of error recognition-chart review
2	SEFDIROB	Num	8	YNADK.	11.	Source of error recognition-direct observation (e.g., on rounds)
3	SEFFURESP	Num	8	ADDA.	11.	What was the immediate follow-up response during the 2 hours after the incident?
4	SEFHOSRPT	Num	8	YNADK.	11.	Source of error recognition-formal hospital incident report
5	SEFINCCAT	Num	8	RELO.	11.	Incident category
6	SEFOSRPT	Num	8	YNADK.	11.	Source of error recognition-other staff report
7	SEFPOSPRV	Num	8	MTYP.	11.	Position of provider who made primary error?
8	SEFRESSUB	Num	8	YNADK.	11.	Did the event involve a Resident Subject?
9	SEFRSRPT	Num	8	YNADK.	11.	Source of error recognition-resident subject report
10	SEFSRCOTR	Num	8	YNADK.	11.	Source of error recognition-other source of error recognition
11	SEFTEMP	Num	8	WHENZ.	11.	Temporal relationship of incident to ICU course
12	WAVE	Num	8	WAVE.		Wave
13	PERIOD	Num	8	PERIOD.		Period
14	TX	Num	8	TX.		Schedule (EDWR or RCWR)
15	SEFTMINC	Num	8	TIME5.		Time of incident
16	EVENTSTART	Num	8	SPMISS.		Days from study start to suspected event date
17	SECLASS	Num	8	SECLASS.		Final: Classification of event
18	SEHARM	Num	8	SEHARM.		Final: Harm level
19	SEPREVENT	Num	8	SEPREVENT.		Final: Incident preventable y/n
20	RESIDENTERROR	Num	8	YNADK.		Resident was provider who made the suspected primary error
21	UWSME	Num	8	YNADK.		Final: Adjudicated as serious medical error [preventable AE or potential AE(near miss)], unit-wide
22	RRSME	Num	8	YNADK.		Final: Adjudicated as serious medical error [preventable AE or potential AE(near miss)], resident-related
23	IDINC	Num	8			Public Data Release SE Incident ID
24	IDPAT	Num	8			Public Data Release Patient Study ID
25	IDRES	Num	8			Public Data Release Resident Study ID
26	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: mos.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	MOSCENSUS	Num	8	SPMISS.	11.	Resident-covered PICU Patient Census During Missed Shift
2	MOSRSN	Num	8	RSN.	11.	Reason for Missed Observer Shift
3	MOSSTRTTM	Num	8	TIME5.		Corrected Start time of missed shift
4	MOSENDTM	Num	8	TIME5.		Corrected End time of missed shift
5	WAVE	Num	8	WAVE.		Wave
6	PERIOD	Num	8	PERIOD.		Period
7	TX	Num	8	TX.		Schedule (EDWR or RCWR)
8	DAYSMISSED	Num	8	SPMISS.		Days of missed observation for this record
9	UNOBSPD	Num	8	SPMISS.		Patient days missed for this record (MOSCENSUS*DAYSMISSED)
10	EXPPDPERDAY	Num	8	SPMISS.		Expected patients for this day based on exp days per month spreadheet
11	UNOBSPD_PROJECTED	Num	8	SPMISS.		Projected patient days missed for this record(projected rather than reported census)
12	CALCUNOBSPD	Num	8	SPMISS.		Patient days missed for this record(using projected census if MOSCENSUS=0)
13	MOSSTART	Num	8	SPMISS.		Days from study start to Corrected Start date of missed shift
14	MOSEND	Num	8	SPMISS.		Days from study start to Corrected end date of missed shift

Data Set Name: patients.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	PDLAGE	Num	8	AGE.	11.	Patient Age truncated to 21 yrs
2	PDLGENDER	Num	8	GEND.	11.	Patient Gender
3	PDLLOS_O	Num	8	SPMISS.	11.	Original PICU Length of Stay, trimmed to 120 days
4	WAVE	Num	8	WAVE.		Wave
5	PERIOD	Num	8	PERIOD.		Period
6	TX	Num	8	TX.		Schedule (EDWR or RCWR)
7	HOSPSTAY_O	Num	8	SPMISS.		Original Hospital Length of Stay (original discharge-admit +1), trimmed to 120 days
8	HOSPSTAY	Num	8	SPMISS.		Corrected Hospital Length of Stay (truncated discharge-admit +1), trimmed to 120 days
9	PDLLOS	Num	8	SPMISS.		Corrected PICU Length of Stay, trimmed to 120 days
10	PDLAGEMOS	Num	8	SPMISS.		Patient age in months, truncated to 21 yrs
11	ADMITSTART	Num	8	SPMISS.		Days from study start to Hospital Admission Date, truncated to start of schedule if <schedule start date
12	CODEUSED	Char	10	$5.	$5.	ICD code used, ICD9 or ICD10
13	CCITOT	Num	8	SPMISS.		Total number of CCI chronic condition indicators (0-18)
14	IDPAT	Num	8			Public Data Release Patient Study ID

Data Set Name: pvt.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	COINC	Num	8	YNADK.		coincidence; press button < 100MS
2	WRONG	Num	8	SPMISS.		# of incorrect button presses in session
3	ANT_BAD	Num	8	SPMISS.		# of anticipation errors using wrong button
4	ANT_GOOD	Num	8	SPMISS.		# of anticipations error no stimulus
5	TIMEOUT	Num	8	SPMISS.		Number of 30 sec timeout trials
6	ALL_MEAN	Num	8	SPMISS.		Mean avg of reaction times in session
7	ALL_MED	Num	8	SPMISS.		Median avg of reaction times in session
8	ALL_STD	Num	8	SPMISS.		STD dev of all reaction times in session
9	SLOW_MEAN	Num	8	SPMISS.		mean avg of slowest 10% RTs
10	SLOW_STD	Num	8	SPMISS.		STD dev of slowest 10% RTs
11	FAST_MEAN	Num	8	SPMISS.		Mean avg of fastest 10% of RTs
12	FAST_STD	Num	8	SPMISS.		STD dev of fastest 10% RTs
13	IALL_MEAN	Num	8	SPMISS.		Mean AVE 1/RT
14	IALL_MED	Num	8	SPMISS.		Median AVE 1/RT
15	IALL_STD	Num	8	SPMISS.		Standard deviation of 1/RT
16	N	Num	8	SPMISS.		# of correct button presses on box
17	ISLOW_MEAN	Num	8	SPMISS.		mean 1/RT for slowest 10% responses
18	ISLOW_STD	Num	8	SPMISS.		standard deviation of 10 % slowest 1/RT
19	ISLOW_N	Num	8	SPMISS.		10% of N
20	IFAST_MEAN	Num	8	SPMISS.		mean 1/RT for fastest 10% of responses
21	IFAST_STD	Num	8	SPMISS.		standard deviation of 10% fastest 1/RT
22	IFAST_N	Num	8	SPMISS.		10% of N
23	LAPSES	Num	8	SPMISS.		# of reaction times > 500ms in session
24	LAPSE_TRAN	Num	8	SPMISS.		mean 1/RT for each time bin
25	LAPSE_SLOW	Num	8	SPMISS.		# of lapses in slowest 10% trials
26	LAPSE_PERC	Num	8	SPMISS.		% of lapses_slow from all lapses
27	M1	Num	8	SPMISS.		AVG reaction time for 1ST minute
28	M2	Num	8	SPMISS.		AVG reaction time for 2ND minute
29	M3	Num	8	SPMISS.		AVG reaction time for 3RD minute
30	M4	Num	8	SPMISS.		AVG reaction time for 4TH minute
31	M5	Num	8	SPMISS.		AVG reaction time for 5TH minute
32	M6	Num	8	SPMISS.		AVG reaction time for 6TH minute
33	M7	Num	8	SPMISS.		AVG reaction time for 7TH minute
34	M8	Num	8	SPMISS.		AVG reaction time for 8TH minute
35	M9	Num	8	SPMISS.		AVG reaction time for 9TH minute
36	M10	Num	8	SPMISS.		AVG reaction time for 10TH minute

Num	Variable	Type	Len	Format	Informat	Label
37	I1	Num	8	SPMISS.		mean 1/RT for each time bin, bin 1
38	I2	Num	8	SPMISS.		mean 1/RT for each time bin, bin 2
39	I3	Num	8	SPMISS.		mean 1/RT for each time bin, bin 3
40	I4	Num	8	SPMISS.		mean 1/RT for each time bin, bin 4
41	I5	Num	8	SPMISS.		mean 1/RT for each time bin, bin 5
42	I6	Num	8	SPMISS.		mean 1/RT for each time bin, bin 6
43	I7	Num	8	SPMISS.		mean 1/RT for each time bin, bin 7
44	I8	Num	8	SPMISS.		mean 1/RT for each time bin, bin 8
45	I9	Num	8	SPMISS.		mean 1/RT for each time bin, bin 9
46	I10	Num	8	SPMISS.		mean 1/RT for each time bin, bin 10
47	N1	Num	8	SPMISS.		# of correct button presses in each time bin, bin 1
48	N2	Num	8	SPMISS.		# of correct button presses in each time bin, bin 2
49	N3	Num	8	SPMISS.		# of correct button presses in each time bin, bin 3
50	N4	Num	8	SPMISS.		# of correct button presses in each time bin, bin 4
51	N5	Num	8	SPMISS.		# of correct button presses in each time bin, bin 5
52	N6	Num	8	SPMISS.		# of correct button presses in each time bin, bin 6
53	N7	Num	8	SPMISS.		# of correct button presses in each time bin, bin 7
54	N8	Num	8	SPMISS.		# of correct button presses in each time bin, bin 8
55	N9	Num	8	SPMISS.		# of correct button presses in each time bin, bin 9
56	N10	Num	8	SPMISS.		# of correct button presses in each time bin, bin 10
57	L1	Num	8	SPMISS.		# of lapses for each time bin, bin 1
58	L2	Num	8	SPMISS.		# of lapses for each time bin, bin 2
59	L3	Num	8	SPMISS.		# of lapses for each time bin, bin 3
60	L4	Num	8	SPMISS.		# of lapses for each time bin, bin 4
61	L5	Num	8	SPMISS.		# of lapses for each time bin, bin 5
62	L6	Num	8	SPMISS.		# of lapses for each time bin, bin 6
63	L7	Num	8	SPMISS.		# of lapses for each time bin, bin 7
64	L8	Num	8	SPMISS.		# of lapses for each time bin, bin 8
65	L9	Num	8	SPMISS.		# of lapses for each time bin, bin 9
66	L10	Num	8	SPMISS.		# of lapses for each time bin, bin 10
67	PL1	Num	8	SPMISS.		percent of lapses in each time bin, bin 1
68	PL2	Num	8	SPMISS.		percent of lapses in each time bin, bin 2
69	PL3	Num	8	SPMISS.		percent of lapses in each time bin, bin 3
70	PL4	Num	8	SPMISS.		percent of lapses in each time bin, bin 4
71	PL5	Num	8	SPMISS.		percent of lapses in each time bin, bin 5
72	PL6	Num	8	SPMISS.		percent of lapses in each time bin, bin 6
73	PL7	Num	8	SPMISS.		percent of lapses in each time bin, bin 7
74	PL8	Num	8	SPMISS.		percent of lapses in each time bin, bin 8
75	PL9	Num	8	SPMISS.		percent of lapses in each time bin, bin 9

Num	Variable	Type	Len	Format	Informat	Label
76	PL10	Num	8	SPMISS.		percent of lapses in each time bin, bin 10
77	SLOPE	Num	8	SPMISS.		slope of 1/RT vs. bin number
78	INTERCEPT	Num	8	SPMISS.		intercept of 1/RT vs. bin number
79	I_INTER	Num	8	SPMISS.		1/intercept
80	CORR	Num	8	SPMISS.		correlation coeff. for 1/RT vs. bin #
81	RSQUARE	Num	8	SPMISS.		corr*corr
82	T_DUR_ACT	Num	8	SPMISS.		Actual Test Duration, seconds
83	TOT_WARN1	Num	8	SPMISS.		#of warning type 1,occurs at start of stimulus
84	TOT_WARN2	Num	8	SPMISS.		#of warning type 2, occurs during presentation of stimulus
85	TOT_WARN3	Num	8	SPMISS.		#of warning type 3, occurs at end of trial when response box is pushed
86	TIME	Num	8	TIME5.		Time of start of PVT test from recording
87	ISI_FIX_FS	Num	8	YNADK.		Fixed ISI after FS
88	HAND	Num	8	HAND.		Subject's handedness
89	WAVE	Num	8	WAVE.		Wave
90	PERIOD	Num	8	PERIOD.		Period
91	TX	Num	8	TX.		Schedule (EDWR or RCWR)
92	DAYS	Num	8	SPMISS.		Calculated day of rotation for the test
93	WEEK	Num	8	SPMISS.		Calculated week for rotation for the test
94	SESSION	Num	8	SPMISS.		Number of test (CALCULATED: cumulative, all days)
95	TWOHAND	Num	8	YNADK.		Reported both left and right as handedness in PVT recording
96	WRONGHAND	Num	8	YNADK.		Hand used for this test differs from most used often used
97	LT8MIN	Num	8	YNADK.		Total actual duration <8 minutes
98	PCTWRONG	Num	8	SPMISS.		Percent of buttons pushed that were wrong
99	WRONG10P	Num	8	YNADK.		>=10% of buttons pushed were wrong
100	NONRESPONSE1	Num	8	YNADK.		No response in >=1 1 minute bin
101	LT1HR	Num	8	YNADK.		<1 hour from last valid PVT test (.M=1st test)
102	EXCLUDE	Num	8	YNADK.		Exclude test from analysis (>=1 criteria met)
103	TESTNUM_ALL	Num	8	SPMISS.		PVT test number for this week, including nonvalid tests
104	TESTNUM_VALID	Num	8	SPMISS.		PVT test number for this week, valid tests only
105	PVT80CMP	Num	8	YNADK.	11.	Was the test 80% complete?
106	PVTCMPLT	Num	8	YNADK.	11.	Was the resident able to complete the entire PVT test?
107	PVTCODE	Num	8	YNADK.	11.	Code alert or alarm sounded during testing
108	PVTDSTRB	Num	8	YNADK.	11.	Were there any disturbances during the test?
109	PVTMNTR	Num	8	YNADK.	11.	Participant was not looking at monitor
110	PVTOTR	Num	8	YNADK.	11.	Other disturbances during testing
111	PVTPHONE	Num	8	YNADK.	11.	Phone/pager rang (hospital or residents)
112	PVTPSTR	Num	8	YNADK.	11.	Participant was frequently adjusting posture
113	PVTREGEN	Num	8	YNADK.	11.	Was the test regenerated?
114	PVTROOM	Num	8	YNADK.	11.	Staff entered the room during testing

Num	Variable	Type	Len	Format	Informat	Label
115	PVTSPEAK	Num	8	YNADK.	11.	Staff attempted to speak with resident during testing
116	CHECKWEEKNUM	Char	26			Week number and test number from the checklist (_WEEK_NUM)
117	KSS_S	Num	8	KSS.		Karolinska Sleepiness Scale (1-9), in past 5 min (before PVT)
118	DIFF_KSS_S	Num	8	SPMISS.		PVT recording datetime-start of KSS B4 the PVT, min
119	KSS_E	Num	8	KSS.		Karolinska Sleepiness Scale (1-9), in past 5 min (after PVT)
120	DIFF_KSS_E	Num	8	SPMISS.		start of KSS after the PVT - PVT recording datetime, min
121	DATEDAYS	Num	8	SPMISS.		Days from study start to date of the PVT test start
122	IDRES	Num	8			Public Data Release Resident Study ID
123	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: sleepdiary.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	NO_SLEEP_24	Num	8	NOSLEEP.	6.	Did not sleep during past 24 hours
2	SLEEP_LATENCY	Num	8	SPMISS.	6.	Number of minutes to fall asleep
3	COUNT_AWAKENINGS	Num	8	SPMISS.	6.	Number of times woke up
4	AWAKENING_ONE_DURATION	Num	8	SPMISS.	6.	Number of minutes awake (1st)
5	AWAKENING_TWO_DURATION	Num	8	SPMISS.	6.	Number of minutes awake (2nd)
6	AWAKENING_THREE_DURATION	Num	8	SPMISS.	6.	Number of minutes awake (3rd)
7	AWAKENING_FOUR_DURATION	Num	8	SPMISS.	6.	Number of minutes awake (4th)
8	COUNT_NAPS	Num	8	SPMISS.	6.	Number of times napped yesterday
9	NAP_ONE_DURATION	Num	8	SPMISS.	6.	Number of minutes asleep (1st), MODIFIED
10	NAP_TWO_DURATION	Num	8	SPMISS.	6.	Number of minutes asleep (1st), MODIFIED
11	NAP_THREE_DURATION	Num	8	SPMISS.	6.	Number of minutes asleep (1st), MODIFIED
12	NAP_FOUR_DURATION	Num	8	SPMISS.	6.	Number of minutes asleep (1st), MODIFIED
13	NO_WORK	Num	8	NOWORK.	6.	Did not work during past 24 hours
14	STILL_ON_SHIFT	Num	8	YNADK.	6.	Still working shift
15	INBEDTM	Num	8	SPMISS.		Minutes in bed, MODIFIED
16	SLEEPTM	Num	8	SPMISS.		Minutes slept (inbed-latency-awakenings), MODIFIED
17	SHIFTTM1	Num	8	SPMISS.		Minutes of work shift - 1st, MODIFIED
18	SHIFTTM2	Num	8	SPMISS.		Minutes of work shift - 1st, MODIFIED
19	WAVE	Num	8	WAVE.		Wave
20	PERIOD	Num	8	PERIOD.		Period
21	TX	Num	8	TX.		Schedule (EDWR or RCWR)
22	RESCUEWORK	Num	8	YNADK.		work shift one data from rescued information after CCC review of diary, actigraphy, work schedules
23	RESCUESLEEP	Num	8	YNADK.		in and out of bed data from rescued information after CCC review of diary, actigraphy, work schedules
24	RESCUENAP	Num	8	YNADK.		nap data from rescued information after CCC review of diary, actigraphy, work schedules
25	DAYS	Num	8	SPMISS.		Days from study start to date of sleep/work diary
26	BED_DAYS	Num	8	SPMISS.		Days from study start to date of date/time went to bed, MODIFIED
27	BED_TIME	Num	8	TIME.		Time went to bed, MODIFIED
28	WAKE_DAYS	Num	8	SPMISS.		Days from study start to date of date/time woke up, MODIFIED
29	WAKE_TIME	Num	8	TIME.		Time woke up, MODIFIED
30	AWAKENING_ONE_DAYS	Num	8	SPMISS.		Days from study start to date of start time of awakening (1st)
31	AWAKENING_ONE_TIME	Num	8	TIME.		Start time of awakening (1st)

Num	Variable	Type	Len	Format	Informat	Label
32	AWAKENING_TWO_DAYS	Num	8	SPMISS.		Days from study start to date of start time of awakening (2nd)
33	AWAKENING_TWO_TIME	Num	8	TIME.		Start time of awakening (2nd)
34	AWAKENING_THREE_DAYS	Num	8	SPMISS.		Days from study start to date of start time of awakening (3rd)
35	AWAKENING_THREE_TIME	Num	8	TIME.		Start time of awakening (3rd)
36	AWAKENING_FOUR_DAYS	Num	8	SPMISS.		Days from study start to date of start time of awakening (4th)
37	AWAKENING_FOUR_TIME	Num	8	TIME.		Start time of awakening (4th)
38	NAP_ONE_START_DAYS	Num	8	SPMISS.		Days from study start to date of Start time of nap (1st), MODIFIED
39	NAP_ONE_START_TIME	Num	8	TIME.		Start time of nap (1st), MODIFIED
40	NAP_ONE_END_DAYS	Num	8	SPMISS.		Days from study start to date of End time of nap (1st), MODIFIED
41	NAP_ONE_END_TIME	Num	8	TIME.		End time of nap (1st), MODIFIED
42	NAP_TWO_START_DAYS	Num	8	SPMISS.		Days from study start to date of Start time of nap (2nd), MODIFIED
43	NAP_TWO_START_TIME	Num	8	TIME.		Start time of nap (2nd), MODIFIED
44	NAP_TWO_END_DAYS	Num	8	SPMISS.		Days from study start to date of End time of nap (2nd), MODIFIED
45	NAP_TWO_END_TIME	Num	8	TIME.		End time of nap (2nd), MODIFIED
46	NAP_THREE_START_DAYS	Num	8	SPMISS.		Days from study start to date of Start time of nap (3rd), MODIFIED
47	NAP_THREE_START_TIME	Num	8	TIME.		Start time of nap (3rd), MODIFIED
48	NAP_THREE_END_DAYS	Num	8	SPMISS.		Days from study start to date of End time of nap (3rd), MODIFIED
49	NAP_THREE_END_TIME	Num	8	TIME.		End time of nap (3rd), MODIFIED
50	NAP_FOUR_START_DAYS	Num	8	SPMISS.		Days from study start to date of Start time of nap (4th), MODIFIED
51	NAP_FOUR_START_TIME	Num	8	TIME.		Start time of nap (4th), MODIFIED
52	NAP_FOUR_END_DAYS	Num	8	SPMISS.		Days from study start to date of End time of nap (4th), MODIFIED
53	NAP_FOUR_END_TIME	Num	8	TIME.		End time of nap (4th), MODIFIED
54	SHIFT_ONE_START_DAYS	Num	8	SPMISS.		Days from study start to date of Start time shift (1st), MODIFIED
55	SHIFT_ONE_START_TIME	Num	8	TIME.		Start time shift (1st), MODIFIED
56	SHIFT_ONE_END_DAYS	Num	8	SPMISS.		Days from study start to date of End time shift (1st), MODIFIED
57	SHIFT_ONE_END_TIME	Num	8	TIME.		End time shift (1st), MODIFIED
58	SHIFT_TWO_START_DAYS	Num	8	SPMISS.		Days from study start to date of Start time shift (2nd), MODIFIED
59	SHIFT_TWO_START_TIME	Num	8	TIME.		Start time shift (2nd), MODIFIED
60	SHIFT_TWO_END_DAYS	Num	8	SPMISS.		Days from study start to date of End time shift (2nd), MODIFIED

Num	Variable	Type	Len	Format	Informat	Label
61	SHIFT_TWO_END_TIME	Num	8	TIME.		End time shift (2nd), MODIFIED
62	IDRES	Num	8			Public Data Release Resident Study ID
63	ROTATION	Num	8	SPMISS.		Rotation number for this Resident ID in the study (1-4)

Data Set Name: sleepwork.sas7bdat

Num	Variable	Type	Len	Format	Label
1	PERIOD	Num	8	PERIOD.	Period
2	TX	Num	8	TX.	Schedule (EDWR or RCWR)
3	SIXTOSIX	Num	8	SPMISS.	Day number (6AM to 6AM)
4	MINS	Num	8	SPMISS.	Number of mins in this interval- first and last day may be partial
5	MINS_A	Num	8	SPMISS.	Number of mins in this interval with actig file- includes BAD_A mins
6	ZCMSLEEP_A	Num	8	SPMISS.	Total mins scored as sleep ZCM mode, UCSD algorithm in this interval
7	TSTMIN_A	Num	8	SPMISS.	Total mins scored as sleep ZCM mode, UCSD algorithm with corrected napping data 30 min OO int
8	BAD_A	Num	8	SPMISS.	Number of mins actigraph removed in this interval- coded as watch removal in actig file
9	BADMISS_A	Num	8	SPMISS.	Total mins in this interval actigraph removed or no actig data at all
10	INBED_D	Num	8	SPMISS.	Total mins in this interval diary noted as in bed to wake
11	LATENCY_D	Num	8	SPMISS.	Total mins in this interval diary noted as sleep latency
12	NAPTIME_D	Num	8	SPMISS.	Total mins in this interval diary noted as napping
13	AWAKE_D	Num	8	SPMISS.	Total mins in this interval diary noted as awakening during inbed sleep interval
14	WORKMIN_D	Num	8	SPMISS.	Total mins in this interval diary notes as working incl small intervals between diary shift entries
15	TSTMIN_D	Num	8	SPMISS.	Total mins of sleep this interval from diary
16	EXCLUDE_A	Num	8	YNADK.	Actig data missing>=2 hours of data for this interval (bad or not recorded)
17	EXCLUDE_D	Num	8	YNADK.	Any mins in this interval marked as exclude for diary data
18	TSTHRS_D	Num	8	SPMISS.	Diary TST in hours for this interval(TSTMIN_D/60)
19	TSTHRS_A	Num	8	SPMISS.	Actigraphy TST in hours for this interval(TSTMIN_A/60)
20	WORKHRS_D	Num	8	SPMISS.	Diary work hrs for this interval(WORKMIN_D/60)
21	GE14_D	Num	8	YNADK.	Have 14+ 6AM to 6AM periods with good diary data(based on EXCLUDE_D flag)
22	GE14_A	Num	8	YNADK.	Have 14+ 6AM to 6AM periods with good actig data(based on EXCLUDE_A flag)
23	WAVE	Num	8	WAVE.	Wave
24	START_DAYS	Num	8	SPMISS.	Days from study start to start date of this interval
25	START_TIME	Num	8	TIME.	Start time of this interval
26	END_DAYS	Num	8	SPMISS.	Days from study start to end date of this interval
27	END_TIME	Num	8	TIME.	End time of this interval
28	PARTIAL	Num	8	YNADK.	Partial 24hr interval (Missing >=2 hrs because it was first or last interval)
29	IDRES	Num	8		Public Data Release Resident Study ID
30	ROTATION	Num	8	SPMISS.	Rotation number for this Resident ID in the study (1-4)

Data Set Name: workshift.sas7bdat

Num	Variable	Type	Len	Format	Label
1	PERIOD	Num	8	PERIOD.	Period
2	TX	Num	8	TX.	Schedule (EDWR or RCWR)
3	SHIFTNUM	Num	8	SPMISS.	Work shift number
4	MINS	Num	8	SPMISS.	Number of mins in this work shift
5	MINS_A	Num	8	SPMISS.	Number of mins in this work shift with actig file - includes BAD_A minutes
6	ZCMSLEEP_A	Num	8	SPMISS.	Total mins scored as sleep ZCM mode, UCSD algorithm in this work shift
7	TSTMIN_A	Num	8	SPMISS.	Total mins scored as sleep ZCM mode, UCSD algorithm with corrected napping data 30 min OO int
8	BAD_A	Num	8	SPMISS.	Number of mins actigraph data removed in this work shift- coded as watch removal in actig file
9	BADMISS_A	Num	8	SPMISS.	Total mins in this work shift actigraph was removed or no actig data at all
10	INBED_D	Num	8	SPMISS.	Total mins in this work shift diary noted as in bed to wake
11	NAPTIME_D	Num	8	SPMISS.	Total mins in this work shift diary noted as napping
12	WORKMIN_D	Num	8	SPMISS.	Total mins in this work shift diary noted as working incl small intervals btwn diary shift entries
13	TSTMIN_D	Num	8	SPMISS.	Total mins of sleep this work shift from diary
14	EXCLUDE_A	Num	8	YNADK.	20% or >=2HRS of the actig data was removal or no actig for this work shift
15	EXCLUDE_D	Num	8	YNADK.	20% or >=2HRS of the data was flagged as excluded for diary for this work shift
16	TSTHRS_D	Num	8	SPMISS.	Diary TST in hours for this work shift(TSTMIN_D/60)
17	TSTHRS_A	Num	8	SPMISS.	Actigraphy TST in hours for this work shift(TSTMIN_A/60)
18	WORKHRS_D	Num	8	SPMISS.	Diary work hours for this work shift (WORKMIN_D/60)
19	WAVE	Num	8	WAVE.	Wave
20	START_DAYS	Num	8	SPMISS.	Days from study start to start date of this work shift
21	START_TIME	Num	8	TIME.	Start time of this work shift
22	END_DAYS	Num	8	SPMISS.	Days from study start to end date of this work shift
23	END_TIME	Num	8	TIME.	End time of this work shift
24	IDRES	Num	8		Public Data Release Resident Study ID
25	ROTATION	Num	8	SPMISS.	Rotation number for this Resident ID in the study (1-4)