Data Set Name: mesaas002avc_ds_20220820.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA PARTICIPANT ID
2	AVCVOL1	Num	8	aortic valve calcium (volume)
3	AVCAGAT1	Num	8	aortic valve calcium (Agatston)
4	MVCVOL1	Num	8	mitral valve calcium (volume)
5	MVCAGAT1	Num	8	mitral valve calcium (Agatston)
6	AWCVOL1	Num	8	aortic wall calcium (volume)
7	AWCAGAT1	Num	8	aortic wall calcium (Agatston)
8	ASCVOL1	Num	8	ascending thoracic aortic calcium (volume)
9	ASCAGAT1	Num	8	ascending thoracic aortic calcium (Agatston)
10	DESCVOL1	Num	8	descending thoracic aortic calcium (volume)
11	DESAGAT1	Num	8	descending thoracic aortic calcium (Agatston)
12	AVRVOL1	Num	8	aortic valve ring (volume)
13	AVRAGAT1	Num	8	aortic valve ring (Agatston)
14	LVAREA1	Num	8	Left Ventricular Area (from Cardiac CT)
15	LVS1	Num	8	Left Ventricular Size (from Cardiac CT)
16	AVCVOL2	Num	8	AVC Volume (EXAM 2)
17	AVCAGAT2	Num	8	AVC Agatston (EXAM 2)
18	MVCVOL2	Num	8	MVC Volume (EXAM 2)
19	MVCAGAT2	Num	8	MVC Agatston (EXAM 2)
20	AWCVOL2	Num	8	AWC Volume (EXAM 2)
21	AWCAGAT2	Num	8	AWC Agatston (EXAM 2)
22	ASCVOL2	Num	8	ATAC Volume (EXAM 2)
23	ASCAGAT2	Num	8	ATAC Agatston (EXAM 2)
24	DESCVOL2	Num	8	DTAC Volume (EXAM 2)
25	DESAGAT2	Num	8	DTAC Agatston (EXAM 2)
26	AVRVOL2	Num	8	AVR Volume (EXAM 2)
27	AVRAGAT2	Num	8	AVR Agatston (EXAM 2)
28	LVAREA2	Num	8	LV Area (mm2) (EXAM 2)
29	LVS2	Num	8	LV Size (ml) (EXAM 2)
30	E12CTDY2C	Num	8	Time between CT scans, in days
31	AVCVOL3	Num	8	AVC Volume (EXAM 3)
32	AVCAGAT3	Num	8	AVC Agatston (EXAM 3)
33	MVCVOL3	Num	8	MVC Volume (EXAM 3)
34	MVCAGAT3	Num	8	MVC Agatston (EXAM 3)
35	AWCVOL3	Num	8	AWC Volume (EXAM 3)
36	AWCAGAT3	Num	8	AWC Agatston (EXAM 3)
37	ASCVOL3	Num	8	ATAC Volume (EXAM 3)

Num	Variable	Type	Len	Label
38	ASCAGAT3	Num	8	ATAC Agatston (EXAM 3)
39	DESCVOL3	Num	8	DTAC Volume (EXAM 3)
40	DESAGAT3	Num	8	DTAC Agatston (EXAM 3)
41	AVRVOL3	Num	8	AVR Volume (EXAM 3)
42	AVRAGAT3	Num	8	AVR Agatston (EXAM 3)
43	LVAREA3	Num	8	LV Area (mm2) (EXAM 3)
44	LVS3	Num	8	LV Size (ml) (EXAM 3)
45	E13CTDY3C	Num	8	Time between Exam 1 and 3 CT Scans, in days

Data Set Name: mesaas023raceseg_ds_20220111.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA PARTICIPANT ID
2	cenid	Num	8	Census tract fake id (based on 2000 census tract)
3	exam	Num	8	MESA Exam number
4	accuracy	Num	8	indicator of geocoding accuracy
5	race_hisp	Num	8	% hispanic
6	race_whitenh	Num	8	% white non-hispanic
7	race_blacknh	Num	8	% black non-hispanic
8	race_asiannh	Num	8	% asian non-hispanic
9	edge	Num	8	Edge indicator for G-statistics
10	g_asi_rk	Num	8	GiZscore for Asian, rook neighbors
11	p_asi_rk	Num	8	GiPvalue for Asian, rook neighbors
12	g_bla_rk	Num	8	GiZscore for black, rook neighbors
13	p_bla_rk	Num	8	GiPvalue for black, rook neighbors
14	g_his_rk	Num	8	GiZscore for Hispanic, rook neighbors
15	p_his_rk	Num	8	GiPvalue for Hispanic, rook neighbors
16	g_whi_rk	Num	8	GiZscore for white, rook neighbors
17	p_whi_rk	Num	8	GiPvalue for white, rook neighbors
18	g_asi_1mi	Num	8	GiZscore for Asian, 1 mile neighbors
19	p_asi_1mi	Num	8	GiPvalue for Asian, 1 mile neighbors
20	g_bla_1mi	Num	8	GiZscore for black, 1 mile neighbors
21	p_bla_1mi	Num	8	GiPvalue for black, 1 mile neighbors
22	g_his_1mi	Num	8	GiZscore for Hispanic, 1 mile neighbors
23	p_his_1mi	Num	8	GiPvalue for Hispanic, 1 mile neighbors
24	g_whi_1mi	Num	8	GiZscore for white, 1 mile neighbors
25	p_whi_1mi	Num	8	GiPvalue for white, 1 mile neighbors
26	g_asi_2mi	Num	8	GiZscore for Asian, 2 mile neighbors
27	p_asi_2mi	Num	8	GiPvalue for Asian, 2 mile neighbors
28	g_bla_2mi	Num	8	GiZscore for black, 2 mile neighbors
29	p_bla_2mi	Num	8	GiPvalue for black, 2 mile neighbors
30	g_his_2mi	Num	8	GiZscore for Hispanic, 2 mile neighbors
31	p_his_2mi	Num	8	GiPvalue for Hispanic, 2 mile neighbors
32	g_whi_2mi	Num	8	GiZscore for white, 2 mile neighbors
33	p_whi_2mi	Num	8	GiPvalue for white, 2 mile neighbors
34	g_asi_1in	Num	8	GiZscore for Asian, 1 mile inverse neighbors
35	p_asi_1in	Num	8	GiPvalue for Asian, 1 mile inverse neighbors
36	g_bla_1in	Num	8	GiZscore for black, 1 mile inverse neighbors

Num	Variable	Type	Len	Label
37	p_bla_1in	Num	8	GiPvalue for black, 1 mile inverse neighbors
38	g_his_1in	Num	8	GiZscore for Hispanic, 1 mile inverse neighbors
39	p_his_1in	Num	8	GiPvalue for Hispanic, 1 mile inverse neighbors
40	g_whi_1in	Num	8	GiZscore for white, 1 mile inverse neighbors
41	p_whi_1in	Num	8	GiPvalue for white, 1 mile inverse neighbors
42	n_nbr_rk	Num	8	Number of neighbors in rook G-stat
43	n_nbr_1mi	Num	8	Number of neighbors in 1 mile G-stat
44	n_nbr_2mi	Num	8	Number of neighbors in 2 mile G-stat
45	n_nbr_1mi_inv	Num	8	Number of neighbors in 1 mile inverse G-stat
46	race	Num	8	Race
47	site_gstat	Num	8	Study site for G-statistic
48	g_rk	Num	8	GiZscore for own race, rook neighbors
49	p_rk	Num	8	GiPvalue for own race, rook neighbors
50	g_1mi	Num	8	GiZscore for own race, 1 mile neighbors
51	p_1mi	Num	8	GiPvalue for own race, 1 mile neighbors
52	g_1in	Num	8	GiZscore for own race, 1 mile inverse neighbors
53	p_1in	Num	8	GiPvalue for own race, 1 mile inverse neighbors
54	g_2mi	Num	8	GiZscore for own race, 2 mile neighbors
55	p_2mi	Num	8	GiPvalue for own race, 2 mile neighbors

Data Set Name: mesaas029cortagg_drepc_20230908.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA PARTICIPANT ID
2	EXAM	Num	8	STRESS 1 EXAMINATION NUMBER
3	CORTISOL1	Num	8	DAY 1 - AWAKENING
4	CORTISOL2	Num	8	DAY 1- 30 MINS AFTER AWAKENING
5	CORTISOL3	Num	8	DAY 1 - 10 AM
6	CORTISOL4	Num	8	DAY 1 - NOON
7	CORTISOL5	Num	8	DAY 1 - DAY1 6PM
8	CORTISOL6	Num	8	DAY 1 - BEDTIME
9	CORTISOL7	Num	8	DAY 2 - AWAKENING
10	CORTISOL8	Num	8	DAY 2- 30 MINS AFTER AWAKENING
11	CORTISOL9	Num	8	DAY 2 - 10 AM
12	CORTISOL10	Num	8	DAY 2 - NOON
13	CORTISOL11	Num	8	DAY 2 - DAY1 6PM
14	CORTISOL12	Num	8	DAY 2 - BEDTIME
15	CORTISOL13	Num	8	DAY 3 - AWAKENING
16	CORTISOL14	Num	8	DAY 3- 30 MINS AFTER AWAKENING
17	CORTISOL15	Num	8	DAY 3 - 10 AM
18	CORTISOL16	Num	8	DAY 3 - NOON
19	CORTISOL17	Num	8	DAY 3 - DAY1 6PM
20	CORTISOL18	Num	8	DAY 3 - BEDTIME

Data Set Name: mesaas029cortall_drep_20230908.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA PARTICIPANT ID
2	EXAM	Num	8	STRESS 1 EXAMINATION NUMBER
3	READING	Num	8	STRESS 1 READING NUMBER
4	CORTISOL	Num	8	STRESS 1 CORTISOL VALUE (NMOL/L)

Data Set Name: mesaas042_drepos_20150819.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	abbaspha4	Num	8	BASOPHIL COUNT (x10^3/ul)
3	abbasphm4	Num	8	REASON FOR MISSING DATA: BASOPHIL COUNT (x10^3/ul)
4	abeospha4	Num	8	EOSINOPHIL COUNT (x10^3/ul)
5	abeosphm4	Num	8	REASON FOR MISSING DATA: EOSINOPHIL COUNT (x10^3/ul)
6	ablympha4	Num	8	LYMPHOCYTE COUNT (x10^3/ul)
7	ablymphm4	Num	8	REASON FOR MISSING DATA: LYMPHOCYTE COUNT (x10^3/ul)
8	abmoncya4	Num	8	MONOCYTE COUNT (x10^3/ul)
9	abmoncym4	Num	8	REASON FOR MISSING DATA: MONOCYTE COUNT (x10^3/ul)
10	abneupha4	Num	8	NEUTROPHIL COUNT (x10^3/ul)
11	abneuphm4	Num	8	REASON FOR MISSING DATA: NEUTROPHIL COUNT (x10^3/ul)
12	difcomma4	Num	8	DIFFERENTIAL COMMENTS
13	difftypa4	Num	8	DIFFERENTIAL TYPE
14	epc10kla4	Num	8	NUMBER OF ENDOTHELIAL PROGENITOR CELLS PER 10000 LYMPHOCYTES
15	epc10klm4	Num	8	REASON FOR MISSING DATA: NUMBER OF ENDOTHELIAL PROGENITOR CELLS PER 10000 LYMPHOCYTES
16	epcbla4	Num	8	ESTIMATED % B CELLS, AS PERCENT OF LYMPHOCYTES
17	epcblm4	Num	8	REASON FOR MISSING DATA: ESTIMATED % B CELLS, AS PERCENT OF LYMPHOCYTES
18	epccd8la4	Num	8	ESTIMATED %CD8, AS A PERCENT OF LYMPHOCYTES
19	epccd8lm4	Num	8	REASON FOR MISSING DATA: ESTIMATED %CD8, AS A PERCENT OF LYMPHOCYTES
20	epccd8ma4	Num	8	ESTIMATED PERCENT OF LYMPHOCYTES THAT ARE CD8+ MEMORY CELLS
21	epccd8mm4	Num	8	REASON FOR MISSING DATA: ESTIMATED PERCENT OF LYMPHOCYTES THAT ARE CD8+ MEMORY CELLS
22	epccd8na4	Num	8	ESTIMATED PERCENT OF LYMPHOCYTES THAT ARE CD8+ NAÏVE CELLS
23	epccd8nm4	Num	8	REASON FOR MISSING DATA: ESTIMATED PERCENT OF LYMPHOCYTES THAT ARE CD8+ NAÏVE CELLS
24	epcwba4	Num	8	NUMBER OF ENDOTHELIAL PROGENITOR CELLS PER UL OF WHOLE BLOOD
25	epcwbm4	Num	8	REASON FOR MISSING DATA: NUMBER OF ENDOTHELIAL PROGENITOR CELLS PER UL OF WHOLE BLOOD
26	hctdifa4	Num	8	HEMATOCRIT FROM CBC DIFFERENTIAL (%)
27	hctdifm4	Num	8	REASON FOR MISSING DATA: HEMATOCRIT FROM CBC DIFFERENTIAL (%)
28	heheppla4	Num	8	INDICATION OF HEMOLYZED PLASMA WHICH MAY INDICATE PROBLEM WITH SAMPLE
29	hgbdifa4	Num	8	HEMOGLOBIN FROM CBC DIFFERENTIAL (gm/dl)
30	hgbdifm4	Num	8	REASON FOR MISSING DATA: HEMOGLOBIN FROM CBC DIFFERENTIAL (gm/dl)
31	pbmca4	Num	8	ABNORMAL APPEARANCE IN THE PBMC PREP
32	pccd34pa4	Num	8	PERCENT OF PBMCS THAT ARE CD34 BRIGHT CELLS
33	pccd34pm4	Num	8	REASON FOR MISSING DATA: PERCENT OF PBMCS THAT ARE CD34 BRIGHT CELLS
34	pccd3a4	Num	8	PERCENT OF LYMPHOCYTES THAT ARE CD3+ (T CELLS)

Num	Variable	Type	Len	Label
35	pccd3m4	Num	8	REASON FOR MISSING DATA: PERCENT OF LYMPHOCYTES THAT ARE CD3+ (T CELLS)
36	pccd4a4	Num	8	PERCENT LYMPHOCYTES IN WHOLE BLOOD THAT ARE CD4+
37	pccd4m4	Num	8	REASON FOR MISSING DATA: PERCENT LYMPHOCYTES IN WHOLE BLOOD THAT ARE CD4+
38	pcgda4	Num	8	PERCENT OF LYMPHOCYTES THAT ARE GAMMA DELTA CELLS
39	pcgdm4	Num	8	REASON FOR MISSING DATA: PERCENT OF LYMPHOCYTES THAT ARE GAMMA DELTA CELLS
40	pclcd34a4	Num	8	PERCENTAGE OF LYMPHOCYTES THAT ARE CD34 POSITIVE
41	pclcd34m4	Num	8	REASON FOR MISSING DATA: PERCENTAGE OF LYMPHOCYTES THAT ARE CD34 POSITIVE
42	pcmema4	Num	8	PERCENT OF CD4+ CELLS THAT ARE MEMORY CELLS
43	pcmemm4	Num	8	REASON FOR MISSING DATA: PERCENT OF CD4+ CELLS THAT ARE MEMORY CELLS
44	pcmotfsa4	Num	8	PERCENT OF MONOCYTES THAT ARE TF+ IN LPS STIMULATED EXPRESSION ASSAY
45	pcmotfsm4	Num	8	REASON FOR MISSING DATA: PERCENT OF MONOCYTES THAT ARE TF+ IN LPS STIMULATED EXPRESSION ASSAY
46	pcmotfua4	Num	8	PERCENT OF MONOCYTES THAT ARE TF+ IN UNSTIMULATED EXPRESSION ASSAY
47	pcmotfum4	Num	8	REASON FOR MISSING DATA: PERCENT OF MONOCYTES THAT ARE TF+ IN UNSTIMULATED EXPRESSION ASSAY
48	pcnaiva4	Num	8	PERCENT OF CD4+ CELLS THAT ARE NAÏVE CELLS
49	pcnaivm4	Num	8	REASON FOR MISSING DATA: PERCENT OF CD4+ CELLS THAT ARE NAÏVE CELLS
50	pcnka4	Num	8	PERCENT OF LYMPHOCYTES THAT ARE NATURAL KILLER CELLS
51	pcnkm4	Num	8	REASON FOR MISSING DATA: PERCENT OF LYMPHOCYTES THAT ARE NATURAL KILLER CELLS
52	pctcd4a4	Num	8	PERCENT OF LYMPHOCYTES IN PBMC PREP THAT ARE CD4+
53	pctcd4m4	Num	8	REASON FOR MISSING DATA: PERCENT OF LYMPHOCYTES IN PBMC PREP THAT ARE CD4+
54	pctmonsa4	Num	8	PERCENT OF TOTAL CELLS THAT ARE MONOCYTES IN LPS STIMULATED EXPRESSION ASSAY
55	pctmonsm4	Num	8	REASON FOR MISSING DATA: PERCENT OF TOTAL CELLS THAT ARE MONOCYTES IN LPS STIMULATED EXPRESSION ASSAY
56	pctmonua4	Num	8	PERCENT OF TOTAL CELLS THAT ARE MONOCYTES IN UNSTIMULATED EXPRESSION ASSAY
57	pctmonum4	Num	8	REASON FOR MISSING DATA: PERCENT OF TOTAL CELLS THAT ARE MONOCYTES IN UNSTIMULATED EXPRESSION ASSAY
58	pctth1a4	Num	8	PERCENT OF CD4+ LYMPHOCYTES THAT ARE TH1 CELLS.
59	pctth1m4	Num	8	REASON FOR MISSING DATA: PERCENT OF CD4+ LYMPHOCYTES THAT ARE TH1 CELLS.
60	pctth2a4	Num	8	PERCENT OF CD4+ LYMPHOCYTES THAT ARE TH2.
61	pctth2m4	Num	8	REASON FOR MISSING DATA: PERCENT OF CD4+ LYMPHOCYTES THAT ARE TH2.
62	pltca4	Num	8	PLATELET COUNT (x10^3/ul)
63	pltcm4	Num	8	REASON FOR MISSING DATA: PLATELET COUNT (x10^3/ul)
64	rbcdifa4	Num	8	RED BLOOD CELL COUNT FROM CBC DIFFERENTIAL (m/cmm)
65	rbcdifm4	Num	8	REASON FOR MISSING DATA: RED BLOOD CELL COUNT FROM CBC DIFFERENTIAL (m/cmm)
66	wbca4	Num	8	WHITE BLOOD CELL COUNT (x10^3/ul)

Num	Variable	Type	Len	Label
67	wbcm4	Num	8	REASON FOR MISSING DATA: WHITE BLOOD CELL COUNT (x10^3/ul)

Data Set Name: mesaas047075_drepos_20190814.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	astudy1a	Num	8	Ancillary Study
3	oh251a	Num	8	OH25 Vitamin D Total (ng/ml)
4	oh25m1a	Num	8	Reason for Missing OH25 Vitamin D Total
5	vtdcm1a	Char	765	Vitamin D Comments
6	phos1a	Num	8	Phosphorous (mg/dL)
7	phosm1a	Num	8	Reason for Missing Phosphorous Value
8	pth1a	Num	8	Parathyroid Hormone (pg/mL)
9	vd1251a	Num	8	1,25-Dihydroxy Vitamin D (pg/L)
10	season1	Num	8	Season of Exam 1

Data Set Name: mesaas057_drepos_20171113.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	cystatc1t	Num	8	E1 Cystatin C (mg/L) - E1 assay scale
3	cystatc2t	Num	8	E2 Cystatin C (mg/L) - calibrated to E1 scale
4	cystatc3t	Num	8	E3 Cystatin C (mg/L) - calibrated to E1 scale
5	cystatc4t	Num	8	E4 Cystatin C (mg/L) - calibrated to E1 scale
6	cystatc5t	Num	8	E5 Cystatin C (mg/L) - calibrated to E1 scale

Data Set Name: mesaas067_drepos_20161011.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	rvslphs1	Char	90	RV VENTRICULAR DIAMETER SLICE/PHASE
3	rvventd1	Num	8	RV VENTRICULAR DIAMETER
4	rvmeth1	Char	240	RV METHOD
5	rvedphn1	Num	8	RV ED PHASE NUMBER
6	rvesphn1	Num	8	RV ES PHASE NUMBER
7	rvedpht1	Num	8	RV ED PHASE TIME (ms)
8	rvespht1	Num	8	RV ES PHASE TIME (ms)
9	rvedv1	Num	8	RV END-DIASTOLIC VOLUME (mL)
10	rvesv1	Num	8	RV END-SYSTOLIC VOLUME (mL)
11	rvsv1	Num	8	RV STROKE VOLUME (mL)
12	rvcout1	Num	8	RV CARDIAC OUTPUT (mL/Min)
13	rvef11	Num	8	RV EJECTION FRACTION (%)
14	rvedm1	Num	8	RV END-DIASTOLIC MASS (g)
15	tapsep11	Char	90	PHASE LISTED 1ST FOR TAPSE MEASURE
16	tapsep21	Char	90	PHASE LISTED 2ND FOR TAPSE MEASURE
17	triap11	Num	8	DISTANCE LISTED 1ST BETWEEN TRICUSPID VALVE AND APEX
18	triap21	Num	8	DISTANCE LISTED 2ND BETWEEN TRICUSPID VALVE AND APEX
19	rveddst1	Num	8	RV ED DISTANCE BETWEEN TRICUSPID VALVE AND APEX
20	rvesdst1	Num	8	RV ES DISTANCE BETWEEN TRICUSPID VALVE AND APEX
21	tapse1	Num	8	TAPSE (TRICUSPID ANNULAR PLANE SYSTOLIC EXCURSION)
22	rvrdrid1	Num	8	RV READER ID

Data Set Name: mesaas079_drepos_20151118.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	tntstat1	Num	8	Exam 1 Cardiac Troponin T (ng/mL)
3	ntprbnp1	Num	8	Exam 1 NT-proBNP (pg/mL)
4	tntstat3	Num	8	Exam 3 Cardiac Troponin T (ng/mL)
5	ntprbnp3	Num	8	Exam 3 NT-proBNP (pg/mL)

Data Set Name: mesaas081_drepos_20151230.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	smnid1	Num	8	Maine Sample ID
3	apobmm1	Num	8	ApoBM Maine (mg/dL): Total ApoB measured by reagents from Maine Standard on Modular P
4	apobmm1m	Num	8	ApoBM Maine (mg/dL): Not performed
5	ldlapbm1	Num	8	LDL-Apo-B Maine (mg/dL): Determined by reagent from Maine Standards Inc specific for LDL ApoB molecules only
6	ldlpmn1	Num	8	LDL-P Maine (nmol/L): Calculated particle number using the LDL ApoB
7	ssdid1	Num	8	Small density LDL Sample ID
8	sdldld1	Num	8	Small density LDL (mg/dL): Done by method using reagent from Denka
9	sapabid1	Num	8	Apo-A/B Sample ID
10	apobr1	Num	8	Apo-B Roche (mg/dL): Determined by Roche on Modular P
11	apobk1	Num	8	Apo-B Kamiya (mg/dL): Determined by Kamiya on a Modular P
12	apobd1	Num	8	Apo-B Diazyme (mg/dL): Determined using diazyme reagent in Remaley laboratory
13	apoba1d1	Num	8	Apo-A1 Diazyme (mg/dL): Analysis performed using diazyme reagent in Remaley Laboratory
14	splaid1	Num	8	Lp(a) Sample ID
15	pmlpar1	Num	8	PMOD Lp(a) Randox (mg/dL)
16	chlpad1	Num	8	Chol. Lp(a) ID Densitometer Values (mg/dL)
17	jpartic1	Num	8	J Particle (nmol/L)
18	colpad1	Num	8	Conc. Lp(a) ID Densitometer Value (mg/dL)
19	pnlpad1	Num	8	Particle Number Lp(a) ID Densitometer Value (nmol/L)
20	pnvldl1	Num	8	Particle Number vLDL (nmol/L)
21	pnldl1	Num	8	Particle Number LDL (nmol/L)
22	lpapr1	Num	8	Lp(a) Positional Reference

Data Set Name: mesaas085_drepos_20180328.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	LLLMI1A	Num	8	LEFT LOBE LIVER MIN
3	LLLMX1A	Num	8	LEFT LOBE LIVER MAX
4	LLLMN1A	Num	8	LEFT LOBE LIVER MEAN
5	RLLMI11A	Num	8	RIGHT LOBE LIVER MIN 1
6	RLLMX11A	Num	8	RIGHT LOBE LIVER MAX 1
7	RLLMN11A	Num	8	RIGHT LOBE LIVER MEAN 1
8	RLLMI21A	Num	8	RIGHT LOBE LIVER MIN 2
9	RLLMX21A	Num	8	RIGHT LOBE LIVER MAX 2
10	RLLMN21A	Num	8	RIGHT LOBE LIVER MEAN 2
11	SPLMI1A	Num	8	SPLEEN MIN
12	SPLMX1A	Num	8	SPLEEN MAX
13	SPLMN1A	Num	8	SPLEEN MEAN
14	AOBLMI1A	Num	8	AORTIC BLOOD MIN
15	AOBLMX1A	Num	8	AORTIC BLOOD MAX
16	AOBLMN1A	Num	8	AORTIC BLOOD MEAN
17	LVCVMI1A	Num	8	LV CAVITY MIN
18	LVCVMX1A	Num	8	LV CAVITY MAX
19	LVCVMN1A	Num	8	LV CAVITY MEAN
20	BEHRDA1A	Num	8	BEAM HARDENING ARTIFACT
21	OTHART1A	Num	8	OTHER ARTIFACT
22	NSYIMG1A	Num	8	NOISY IMAGES
23	DENRDR1A	Num	8	DENSITY READER
24	ALCEXC1A	Num	8	EXCLUSION INDICATOR FOR SIGNIFICANT ALCOHOL CONSUMPTION
25	LARAW1A	Num	8	LIVER ATTENTUATION HU (RLLM1+RLLM2)/2
26	LAUSE1A	Num	8	LIVER ATTENUATION HU (LARAW) WITH NEGATIVE VALUES CONVERTED TO ZERO
27	SMUSE1A	Num	8	SPLEEN MEAN WITH NEGATIVE VALUES SET TO ZERO
28	LSR1A	Num	8	LIVER TO SPLEEN RATIO
29	NLSR1A	Num	8	LIVER TO SPLEEN RATIO < 1

Data Set Name: mesaas113_ar_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	numdays_alldays5	Num	8	COSINOR: NUMBER OF DAYS (ALL DAYS)
3	mesor_alldays5	Num	8	COSINOR: MESOR (ALL DAYS)
4	amplitude_cosinor_alldays5	Num	8	COSINOR: AMPLITUDE (ALL DAYS)
5	acrophase_alldays5	Num	8	COSINOR: ACROPHASE (ALL DAYS)
6	numdays_weekdays5	Num	8	COSINOR: NUMBER OF DAYS (WEEKDAY DAYS)
7	mesor_weekdays5	Num	8	COSINOR: MESOR (WEEKDAY DAYS)
8	amplitude_cosinor_weekdays5	Num	8	COSINOR: AMPLITUDE (WEEKDAY DAYS)
9	acrophase_weekdays5	Num	8	COSINOR: ACROPHASE (WEEKDAY DAYS)
10	numdays_weekends5	Num	8	COSINOR: NUMBER OF DAYS (WEEKEND DAYS)
11	mesor_weekends5	Num	8	COSINOR: MESOR (WEEKEND DAYS)
12	amplitude_cosinor_weekends5	Num	8	COSINOR: AMPLITUDE (WEEKEND DAYS)
13	acrophase_weekends5	Num	8	COSINOR: ACROPHASE (WEEKEND DAYS)
14	amplitude_npcra_alldays5	Num	8	NPCRA: AMPLITUDE (ALL DAYS)
15	ra_alldays5	Num	8	NPCRA: RELATIVE AMPLITUDE (ALL DAYS)
16	l5_midpoint_alldays5	Num	8	NPCRA: L5 MIDPOINT (ALL DAYS)
17	m10_midpoint_alldays5	Num	8	NPCRA: M10 MIDPOINT (ALL DAYS)
18	l5_counts_alldays5	Num	8	NPCRA: ACTIVITY COUNT AT L5 MIDPOINT (ALL DAYS)
19	m10_counts_alldays5	Num	8	NPCRA: ACTIVITY COUNT AT M10 MIDPOINT (ALL DAYS)
20	is1_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 1 MINUTE BINS (ALL DAYS)
21	is2_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 2 MINUTE BINS (ALL DAYS)
22	is3_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 3 MINUTE BINS (ALL DAYS)
23	is4_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 4 MINUTE BINS (ALL DAYS)
24	is5_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 5 MINUTE BINS (ALL DAYS)
25	is6_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 6 MINUTE BINS (ALL DAYS)
26	is8_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 8 MINUTE BINS (ALL DAYS)
27	is9_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 9 MINUTE BINS (ALL DAYS)
28	is10_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 10 MINUTE BINS (ALL DAYS)
29	is12_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 12 MINUTE BINS (ALL DAYS)
30	is15_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 15 MINUTE BINS (ALL DAYS)
31	is16_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 16 MINUTE BINS (ALL DAYS)
32	is18_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 18 MINUTE BINS (ALL DAYS)
33	is20_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 20 MINUTE BINS (ALL DAYS)
34	is24_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 24 MINUTE BINS (ALL DAYS)
35	is30_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 30 MINUTE BINS (ALL DAYS)
36	is32_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 32 MINUTE BINS (ALL DAYS)

Num	Variable	Type	Len	Label
37	is36_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 36 MINUTE BINS (ALL DAYS)
38	is40_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 40 MINUTE BINS (ALL DAYS)
39	is45_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 45 MINUTE BINS (ALL DAYS)
40	is48_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 48 MINUTE BINS (ALL DAYS)
41	is60_alldays5	Num	8	NPCRA: INTERDAILY STABILITY IN 60 MINUTE BINS (ALL DAYS)
42	iv1_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 1 MINUTE BINS (ALL DAYS)
43	iv2_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 2 MINUTE BINS (ALL DAYS)
44	iv3_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 3 MINUTE BINS (ALL DAYS)
45	iv4_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 4 MINUTE BINS (ALL DAYS)
46	iv5_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 5 MINUTE BINS (ALL DAYS)
47	iv6_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 6 MINUTE BINS (ALL DAYS)
48	iv8_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 8 MINUTE BINS (ALL DAYS)
49	iv9_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 9 MINUTE BINS (ALL DAYS)
50	iv10_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 10 MINUTE BINS (ALL DAYS)
51	iv12_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 12 MINUTE BINS (ALL DAYS)
52	iv15_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 15 MINUTE BINS (ALL DAYS)
53	iv16_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 16 MINUTE BINS (ALL DAYS)
54	iv18_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 18 MINUTE BINS (ALL DAYS)
55	iv20_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 20 MINUTE BINS (ALL DAYS)
56	iv24_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 24 MINUTE BINS (ALL DAYS)
57	iv30_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 30 MINUTE BINS (ALL DAYS)
58	iv32_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 32 MINUTE BINS (ALL DAYS)
59	iv36_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 36 MINUTE BINS (ALL DAYS)
60	iv40_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 40 MINUTE BINS (ALL DAYS)
61	iv45_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 45 MINUTE BINS (ALL DAYS)
62	iv48_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 48 MINUTE BINS (ALL DAYS)
63	iv60_alldays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 60 MINUTE BINS (ALL DAYS)
64	validdays_alldays5	Char	195	NPCRA: VALID RECORDING DAYS ARRAY (ALL DAYS)
65	tst_alldays5	Char	249	NPCRA: TOTAL SLEEP TIME ARRAY (ALL DAYS)
66	tib_alldays5	Char	249	NPCRA: TIME IN BED ARRAY (ALL DAYS)
67	se_alldays5	Char	696	NPCRA: SLEEP EFFICIENCY ARRAY (ALL DAYS)
68	amplitude_npcra_weekdays5	Num	8	NPCRA: AMPLITUDE (WEEKDAY DAYS)
69	ra_weekdays5	Num	8	NPCRA: RELATIVE AMPLITUDE (WEEKDAY DAYS)
70	l5_midpoint_weekdays5	Num	8	NPCRA: L5 MIDPOINT (WEEKDAY DAYS)
71	m10_midpoint_weekdays5	Num	8	NPCRA: M10 MIDPOINT (WEEKDAY DAYS)
72	l5_counts_weekdays5	Num	8	NPCRA: ACTIVITY COUNT AT L5 MIDPOINT (WEEKDAY DAYS)
73	m10_counts_weekdays5	Num	8	NPCRA: ACTIVITY COUNT AT M10 MIDPOINT (WEEKDAY DAYS)
74	is1_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 1 MINUTE BINS (WEEKDAY DAYS)
75	is2_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 2 MINUTE BINS (WEEKDAY DAYS)

Num	Variable	Type	Len	Label
76	is3_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 3 MINUTE BINS (WEEKDAY DAYS)
77	is4_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 4 MINUTE BINS (WEEKDAY DAYS)
78	is5_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 5 MINUTE BINS (WEEKDAY DAYS)
79	is6_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 6 MINUTE BINS (WEEKDAY DAYS)
80	is8_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 8 MINUTE BINS (WEEKDAY DAYS)
81	is9_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 9 MINUTE BINS (WEEKDAY DAYS)
82	is10_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 10 MINUTE BINS (WEEKDAY DAYS)
83	is12_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 12 MINUTE BINS (WEEKDAY DAYS)
84	is15_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 15 MINUTE BINS (WEEKDAY DAYS)
85	is16_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 16 MINUTE BINS (WEEKDAY DAYS)
86	is18_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 18 MINUTE BINS (WEEKDAY DAYS)
87	is20_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 20 MINUTE BINS (WEEKDAY DAYS)
88	is24_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 24 MINUTE BINS (WEEKDAY DAYS)
89	is30_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 30 MINUTE BINS (WEEKDAY DAYS)
90	is32_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 32 MINUTE BINS (WEEKDAY DAYS)
91	is36_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 36 MINUTE BINS (WEEKDAY DAYS)
92	is40_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 40 MINUTE BINS (WEEKDAY DAYS)
93	is45_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 45 MINUTE BINS (WEEKDAY DAYS)
94	is48_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 48 MINUTE BINS (WEEKDAY DAYS)
95	is60_weekdays5	Num	8	NPCRA: INTERDAILY STABILITY IN 60 MINUTE BINS (WEEKDAY DAYS)
96	iv1_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 1 MINUTE BINS (WEEKDAY DAYS)
97	iv2_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 2 MINUTE BINS (WEEKDAY DAYS)
98	iv3_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 3 MINUTE BINS (WEEKDAY DAYS)
99	iv4_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 4 MINUTE BINS (WEEKDAY DAYS)
100	iv5_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 5 MINUTE BINS (WEEKDAY DAYS)
101	iv6_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 6 MINUTE BINS (WEEKDAY DAYS)
102	iv8_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 8 MINUTE BINS (WEEKDAY DAYS)
103	iv9_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 9 MINUTE BINS (WEEKDAY DAYS)
104	iv10_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 10 MINUTE BINS (WEEKDAY DAYS)
105	iv12_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 12 MINUTE BINS (WEEKDAY DAYS)
106	iv15_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 15 MINUTE BINS (WEEKDAY DAYS)
107	iv16_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 16 MINUTE BINS (WEEKDAY DAYS)
108	iv18_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 18 MINUTE BINS (WEEKDAY DAYS)
109	iv20_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 20 MINUTE BINS (WEEKDAY DAYS)
110	iv24_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 24 MINUTE BINS (WEEKDAY DAYS)
111	iv30_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 30 MINUTE BINS (WEEKDAY DAYS)
112	iv32_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 32 MINUTE BINS (WEEKDAY DAYS)
113	iv36_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 36 MINUTE BINS (WEEKDAY DAYS)
114	iv40_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 40 MINUTE BINS (WEEKDAY DAYS)

Num	Variable	Type	Len	Label
115	iv45_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 45 MINUTE BINS (WEEKDAY DAYS)
116	iv48_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 48 MINUTE BINS (WEEKDAY DAYS)
117	iv60_weekdays5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 60 MINUTE BINS (WEEKDAY DAYS)
118	validdays_weekdays5	Char	147	NPCRA: VALID RECORDING DAYS ARRAY (WEEKDAY DAYS)
119	tst_weekdays5	Char	189	NPCRA: TOTAL SLEEP TIME ARRAY (WEEKDAY DAYS)
120	tib_weekdays5	Char	189	NPCRA: TIME IN BED ARRAY (WEEKDAY DAYS)
121	se_weekdays5	Char	528	NPCRA: SLEEP EFFICIENCY ARRAY (WEEKDAY DAYS)
122	amplitude_npcra_weekends5	Num	8	NPCRA: AMPLITUDE (WEEKEND DAYS)
123	ra_weekends5	Num	8	NPCRA: RELATIVE AMPLITUDE (WEEKEND DAYS)
124	l5_midpoint_weekends5	Num	8	NPCRA: L5 MIDPOINT (WEEKEND DAYS)
125	m10_midpoint_weekends5	Num	8	NPCRA: M10 MIDPOINT (WEEKEND DAYS)
126	l5_counts_weekends5	Num	8	NPCRA: ACTIVITY COUNT AT L5 MIDPOINT (WEEKEND DAYS)
127	m10_counts_weekends5	Num	8	NPCRA: ACTIVITY COUNT AT M10 MIDPOINT (WEEKEND DAYS)
128	is1_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 1 MINUTE BINS (WEEKEND DAYS)
129	is2_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 2 MINUTE BINS (WEEKEND DAYS)
130	is3_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 3 MINUTE BINS (WEEKEND DAYS)
131	is4_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 4 MINUTE BINS (WEEKEND DAYS)
132	is5_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 5 MINUTE BINS (WEEKEND DAYS)
133	is6_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 6 MINUTE BINS (WEEKEND DAYS)
134	is8_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 8 MINUTE BINS (WEEKEND DAYS)
135	is9_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 9 MINUTE BINS (WEEKEND DAYS)
136	is10_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 10 MINUTE BINS (WEEKEND DAYS)
137	is12_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 12 MINUTE BINS (WEEKEND DAYS)
138	is15_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 15 MINUTE BINS (WEEKEND DAYS)
139	is16_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 16 MINUTE BINS (WEEKEND DAYS)
140	is18_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 18 MINUTE BINS (WEEKEND DAYS)
141	is20_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 20 MINUTE BINS (WEEKEND DAYS)
142	is24_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 24 MINUTE BINS (WEEKEND DAYS)
143	is30_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 30 MINUTE BINS (WEEKEND DAYS)
144	is32_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 32 MINUTE BINS (WEEKEND DAYS)
145	is36_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 36 MINUTE BINS (WEEKEND DAYS)
146	is40_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 40 MINUTE BINS (WEEKEND DAYS)
147	is45_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 45 MINUTE BINS (WEEKEND DAYS)
148	is48_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 48 MINUTE BINS (WEEKEND DAYS)
149	is60_weekends5	Num	8	NPCRA: INTERDAILY STABILITY IN 60 MINUTE BINS (WEEKEND DAYS)
150	iv1_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 1 MINUTE BINS (WEEKEND DAYS)
151	iv2_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 2 MINUTE BINS (WEEKEND DAYS)
152	iv3_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 3 MINUTE BINS (WEEKEND DAYS)
153	iv4_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 4 MINUTE BINS (WEEKEND DAYS)

Num	Variable	Type	Len	Label
154	iv5_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 5 MINUTE BINS (WEEKEND DAYS)
155	iv6_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 6 MINUTE BINS (WEEKEND DAYS)
156	iv8_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 8 MINUTE BINS (WEEKEND DAYS)
157	iv9_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 9 MINUTE BINS (WEEKEND DAYS)
158	iv10_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 10 MINUTE BINS (WEEKEND DAYS)
159	iv12_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 12 MINUTE BINS (WEEKEND DAYS)
160	iv15_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 15 MINUTE BINS (WEEKEND DAYS)
161	iv16_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 16 MINUTE BINS (WEEKEND DAYS)
162	iv18_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 18 MINUTE BINS (WEEKEND DAYS)
163	iv20_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 20 MINUTE BINS (WEEKEND DAYS)
164	iv24_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 24 MINUTE BINS (WEEKEND DAYS)
165	iv30_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 30 MINUTE BINS (WEEKEND DAYS)
166	iv32_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 32 MINUTE BINS (WEEKEND DAYS)
167	iv36_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 36 MINUTE BINS (WEEKEND DAYS)
168	iv40_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 40 MINUTE BINS (WEEKEND DAYS)
169	iv45_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 45 MINUTE BINS (WEEKEND DAYS)
170	iv48_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 48 MINUTE BINS (WEEKEND DAYS)
171	iv60_weekends5	Num	8	NPCRA: INTRADAILY VARIABILITY IN 60 MINUTE BINS (WEEKEND DAYS)
172	validdays_weekends5	Char	51	NPCRA: VALID RECORDING DAYS ARRAY (WEEKEND DAYS)
173	tst_weekends5	Char	69	NPCRA: TOTAL SLEEP TIME ARRAY (WEEKEND DAYS)
174	tib_weekends5	Char	69	NPCRA: TIME IN BED ARRAY (WEEKEND DAYS)
175	se_weekends5	Char	192	NPCRA: SLEEP EFFICIENCY ARRAY (WEEKEND DAYS)

Data Set Name: mesaas113_act_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Format	Label
1	MESAID	Num	8		MESA Participant Identification Number
2	stdyady5c	Num	8		ACTIGRAPHY QS: DAYS FROM EXAM 5 TO STUDY DATE
3	sleepjournal5	Num	8		ACTIGRAPHY QS: SLEEP JOURNAL RECEIVED
4	timestart5	Num	8		ACTIGRAPHY QS: DATA COLLECTION START TIME
5	timeend5	Num	8		ACTIGRAPHY QS: DATA COLLECTION END TIME
6	nightsrec5	Num	8		ACTIGRAPHY QS: # OF NIGHTS RECORDED
7	nightsvalid5	Num	8		ACTIGRAPHY QS: # OF VALID NIGHTS
8	nightsinvalid5	Num	8		ACTIGRAPHY QS: # OF INVALID NIGHTS
9	diarypresent5	Num	8		ACTIGRAPHY QS: DIARY PRESENT
10	diarycomplete5	Num	8		ACTIGRAPHY QS: DIARY COMPLETENESS
11	overallqual5	Num	8		ACTIGRAPHY QS: OVERALL QUALITY GRADING (QS)
12	wake_bouts_avg_sleep5	Num	8		ACTIGRAPHY REPORT: AVERAGE SLEEP NUMBER OF WAKE BOUTS
13	ndays5	Num	8		NUMBER OF DAYS WITH SLEEP DATA IN RECORDING. ALSO, NUMBER OF MAIN REST INTERVALS IN RECORDING (DAYS)
14	avg24hrsleep5	Num	8		AVERAGE 24 HOUR SLEEP ACROSS ALL DAYS (MINUTES)
15	sd24hrsleep5	Num	8		STANDARD DEVIATION OF 24 HOUR SLEEP ACROSS ALL DAYS (MINUTES)
16	avginbedduration5	Num	8		AVERAGE IN BED INTERVAL DURATION FROM MAIN SLEEPS ACROSS ALL DAYS (MINUTES)
17	sdinbedduration5	Num	8		STANDARD DEVIATION OF THE IN BED INTERVAL DURATION (MINUTES)
18	avgsleepperiodduration5	Num	8		AVERAGE SLEEP PERIOD DURATION FROM MAIN SLEEPS ACROSS ALL DAYS (MINUTES)
19	sdsleepperiodduration5	Num	8		STANDARD DEVIATION OF THE SLEEP PERIOD DURATION (MINUTES)
20	avgmainsleep5	Num	8		AVERAGE SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL DAYS (MINUTES)
21	sdmainsleep5	Num	8		STANDARD DEVIATION OF SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL DAYS (MINUTES)
22	avgonsetlatency5	Num	8		AVERAGE SLEEP ONSET LATENCY TIME IN MAIN SLEEPS ACROSS ALL DAYS IN MINUTES (MINUTES)
23	avgwaso5	Num	8		AVERAGE WAKE AFTER SLEEP ONSET (WASO) IN MAIN SLEEPS (MINUTES)
24	avgsnooze5	Num	8		AVERAGE SNOOZE TIME IN MAIN SLEEPS ACROSS ALL DAYS (MINUTES)
25	avginbedwake5	Num	8		AVERAGE TOTAL TIME SPENT AWAKE DURING THE IN BED INTERVAL (MINUTES)
26	avgefficiency5	Num	8		AVERAGE SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL DAYS (PERCENT)
27	sdefficiency5	Num	8		STANDARD DEVIATION OF SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL DAYS (PERCENT)

Num	Variable	Type	Len	Format	Label
28	avgmainteff5	Num	8		AVERAGE SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL DAYS (PERCENT)
29	sdmainteff5	Num	8		STANDARD DEVIATION OF SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL DAYS (PERCENT)
30	avgfragmentation5	Num	8		AVERAGE FRAGMENTATION INDEX IN MAIN SLEEPS ACROSS ALL DAYS (PERCENT)
31	avgsleepbouts5	Num	8		AVERAGE SLEEP BOUTS IN MAIN SLEEP PERIODS ACROSS ALL DAYS (SLEEP BOUTS)
32	avgwakebouts5	Num	8		AVERAGE WAKE BOUTS IN MAIN SLEEP PERIODS ACROSS ALL DAYS (WAKE BOUTS)
33	ndaysnapsall5	Num	8		NUMBER OF DAYS WITH NAPS WHEN ALL NAPS ARE COUNTED (DAYS)
34	ndaysnapssleep5	Num	8		NUMBER OF DAYS WITH NAPS WHEN ONLY NAPS WITH SOME SLEEP TIME ARE COUNTED (DAYS)
35	ndaysnapssleep155	Num	8		NUMBER OF DAYS WITH NAPS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (DAYS)
36	avgnnapsall5	Num	8		AVERAGE NUMBER OF NAPS PER DAY WHEN ALL NAPS ARE COUNTED (NAPS/DAY)
37	avgnnapssleep5	Num	8		AVERAGE NUMBER OF NAPS PER DAY WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (NAPS/DAY)
38	avgnnapssleep155	Num	8		AVERAGE NUMBER OF NAPS PER DAY WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NAPS/DAY)
39	avgsleepnapsall5	Num	8		AVERAGE SLEEP TIME PER NAP WHEN ALL NAPS ARE COUNTED (MINUTES)
40	avgsleepnapssleep5	Num	8		AVERAGE SLEEP TIME PER NAP WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
41	avgsleepnapssleep155	Num	8		AVERAGE SLEEP TIME PER NAP WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
42	avgsleepnapdaily5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL DAYS IN THE RECORDING WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES/DAY)
43	avgsleepnapdaily155	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL DAYS IN THE RECORDING WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES/DAY)
44	avginbedtime5	Num	8	TIME8.	AVERAGE CLOCK TIME TO GET IN BED FOR MAIN SLEEP ACROSS ALL DAYS (HH:MM:SS)
45	sdinbedtime5	Num	8	TIME8.	STANDARD DEVIATION OF THE IN BED TIME (HH:MM:SS)
46	avgsleeponsettime5	Num	8	TIME8.	AVERAGE TIME TO FALL ASLEEP FOR MAIN SLEEP ACROSS ALL DAYS (HH:MM:SS)
47	sdsleeponsettime5	Num	8	TIME8.	STANDARD DEVIATION OF THE SLEEP ONSET TIME (HH:MM:SS)
48	avgsleepoffsettime5	Num	8	TIME8.	AVERAGE TIME TO WAKE UP FOR MAIN SLEEP ACROSS ALL DAYS IN MINUTES (HH:MM:SS)
49	sdsleepoffsettime5	Num	8	TIME8.	STANDARD DEVIATION OF THE SLEEP OFFSET TIME (HH:MM:SS)
50	avgoutbedtime5	Num	8	TIME8.	AVERAGE TIME TO GET OUT OF BED AFTER MAIN SLEEP ACROSS ALL DAYS IN MINUTES (HH:MM:SS)
51	sdoutbedtime5	Num	8	TIME8.	STANDARD DEVIATION OF THE OUT OF BED TIME (HH:MM:SS)

Num	Variable	Type	Len	Format	Label
52	avgrestmidpoint5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN IN BED AND OUT OF BED TIMES (HH:MM:SS)
53	sdrestmidpoint5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN IN BED AND OUT OF BED TIMES (HH:MM:SS)
54	avgsleepmidpoint5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
55	sdsleepmidpoint5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
56	avgwhitetalt5	Num	8		AVERAGE WHITE LIGHT TIME ABOVE 1000 LUX THRESHOLD PER DAY (MINUTES)
57	avgbluetalt5	Num	8		AVERAGE BLUE LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER DAY (MINUTES)
58	avggreentalt5	Num	8		AVERAGE GREEN LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER DAY (MINUTES)
59	avgredtalt5	Num	8		AVERAGE RED LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER DAY (MINUTES)
60	ndayswd5	Num	8		NUMBER OF WEEKDAY DAYS WITH SLEEP DATA IN RECORDING (ALSO NUMBER OF MAIN REST INTERVALS IN RECORDING) (WEEKDAY DAYS)
61	avg24hrsleepwd5	Num	8		AVERAGE 24 HOUR SLEEP ACROSS ALL WEEKDAY DAYS (MINUTES)
62	sd24hrsleepwd5	Num	8		STANDARD DEVIATION OF 24 HOUR SLEEP ACROSS ALL WEEKDAY DAYS (MINUTES)
63	avginbeddurationwd5	Num	8		AVERAGE IN BED INTERVAL DURATION FROM MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (MINUTES)
64	sdinbeddurationwd5	Num	8		STANDARD DEVIATION OF THE WEEKDAY IN BED INTERVAL DURATION (MINUTES)
65	avgsleepperioddurationwd5	Num	8		AVERAGE SLEEP PERIOD DURATION FROM MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (MINUTES)
66	sdsleepperioddurationwd5	Num	8		STANDARD DEVIATION OF THE WEEKDAY SLEEP PERIOD DURATION (MINUTES)
67	avgmainsleepwd5	Num	8		AVERAGE SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL WEEKDAY DAYS (MINUTES)
68	sdmainsleepwd5	Num	8		STANDARD DEVIATION OF SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL WEEKDAY DAYS (MINUTES)
69	avgonsetlatencywd5	Num	8		AVERAGE SLEEP ONSET LATENCY TIME IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (MINUTES)
70	avgwasowd5	Num	8		AVERAGE WAKE AFTER SLEEP ONSET (WASO) IN WEEKDAY MAIN SLEEPS (MINUTES)
71	avgsnoozewd5	Num	8		AVERAGE SNOOZE TIME IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (MINUTES)
72	avginbedwakewd5	Num	8		AVERAGE TOTAL TIME SPENT AWAKE DURING THE WEEKDAY IN BED INTERVAL (MINUTES)
73	avgefficiencywd5	Num	8		AVERAGE SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (PERCENT)
74	sdefficiencywd5	Num	8		STANDARD DEVIATION OF SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (PERCENT)

Num	Variable	Type	Len	Format	Label
75	avgmainteffwd5	Num	8		AVERAGE SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (PERCENT)
76	sdmainteffwd5	Num	8		STANDARD DEVIATION OF SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (PERCENT)
77	avgfragmentationwd5	Num	8		AVERAGE FRAGMENTATION INDEX IN MAIN SLEEPS ACROSS ALL WEEKDAY DAYS (PERCENT)
78	avgsleepboutswd5	Num	8		AVERAGE SLEEP BOUTS IN MAIN SLEEP PERIODS ACROSS ALL WEEKDAY DAYS (SLEEP BOUTS)
79	avgwakeboutswd5	Num	8		AVERAGE WAKE BOUTS IN MAIN SLEEP PERIODS ACROSS ALL WEEKDAY DAYS (WAKE BOUTS)
80	ndaysnapsallwd5	Num	8		NUMBER OF WEEKDAY DAYS WITH NAPS WHEN ALL NAPS ARE COUNTED (WEEKDAY DAYS)
81	ndaysnapssleepwd5	Num	8		NUMBER OF WEEKDAY DAYS WITH NAPS WHEN ONLY NAPS WITH SOME SLEEP TIME ARE COUNTED (WEEKDAY DAYS)
82	ndaysnapssleep15wd5	Num	8		NUMBER OF WEEKDAY DAYS WITH NAPS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (WEEKDAY DAYS)
83	avgnnapsallwd5	Num	8		AVERAGE NUMBER OF NAPS PER WEEKDAY DAY WHEN ALL NAPS ARE COUNTED (NAPS)
84	avgnnapssleepwd5	Num	8		AVERAGE NUMBER OF NAPS PER WEEKDAY DAY WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (NAPS)
85	avgnnapssleep15wd5	Num	8		AVERAGE NUMBER OF NAPS PER WEEKDAY DAY WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NAPS)
86	avgsleepnapsallwd5	Num	8		AVERAGE SLEEP TIME PER WEEKDAY NAP WHEN ALL NAPS ARE COUNTED (MINUTES)
87	avgsleepnapssleepwd5	Num	8		AVERAGE SLEEP TIME PER WEEKDAY NAP WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
88	avgsleepnapssleep15wd5	Num	8		AVERAGE SLEEP TIME PER WEEKDAY NAP WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
89	avgsleepnapdailywd5	Num	8		AVERAGE SLEEP TIME IN NAPS PER WEEKDAY DAY ACROSS ALL WEEKDAY DAYS IN THE RECORDING WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
90	avgsleepnapdaily15wd5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL WEEKDAY DAYS IN THE RECORDING WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
91	avginbedtimewd5	Num	8	TIME8.	AVERAGE CLOCK TIME TO GET IN BED FOR MAIN SLEEP ACROSS ALL WEEKDAY DAYS (HH:MM:SS)
92	sdinbedtimewd5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKDAY IN BED TIME (HH:MM:SS)
93	avgsleeponsettimewd5	Num	8	TIME8.	AVERAGE TIME TO FALL ASLEEP FOR MAIN SLEEP ACROSS ALL WEEKDAY DAYS (HH:MM:SS)
94	sdsleeponsettimewd5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKDAY SLEEP ONSET TIME (HH:MM:SS)
95	avgsleepoffsettimewd5	Num	8	TIME8.	AVERAGE TIME TO WAKE UP FOR MAIN SLEEP ACROSS ALL WEEKDAY DAYS IN MINUTES (HH:MM:SS)
96	sdsleepoffsettimewd5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKDAY SLEEP OFFSET TIME (HH:MM:SS)

Num	Variable	Type	Len	Format	Label
97	avgoutbedtimewd5	Num	8	TIME8.	AVERAGE TIME TO GET OUT OF BED AFTER MAIN SLEEP ACROSS ALL WEEKDAY DAYS IN MINUTES (HH:MM:SS)
98	sdoutbedtimewd5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKDAY OUT OF BED TIME (HH:MM:SS)
99	avgrestmidpointwd5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN WEEKDAY IN BED AND OUT OF BED TIMES (HH:MM:SS)
100	sdrestmidpointwd5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN WEEKDAY IN BED AND OUT OF BED TIMES (HH:MM:SS)
101	avgsleepmidpointwd5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN WEEKDAY SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
102	sdsleepmidpointwd5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN WEEKDAY SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
103	avgwhitetaltwd5	Num	8		AVERAGE WHITE LIGHT TIME ABOVE 1000 LUX THRESHOLD PER WEEKDAY DAY (MINUTES)
104	avgbluetaltwd5	Num	8		AVERAGE BLUE LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WEEKDAY DAY (MINUTES)
105	avggreentaltwd5	Num	8		AVERAGE GREEN LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WEEKDAY DAY (MINUTES)
106	avgredtaltwd5	Num	8		AVERAGE RED LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WEEKDAY DAY (MINUTES)
107	ndayswe5	Num	8		NUMBER OF WEEKEND DAYS WITH SLEEP DATA IN RECORDING (WEEKEND DAYS)
108	avg24hrsleepwe5	Num	8		AVERAGE 24 HOUR SLEEP ACROSS ALL WEEKEND DAYS (MINUTES)
109	sd24hrsleepwe5	Num	8		STANDARD DEVIATION OF 24 HOUR SLEEP ACROSS ALL WEEKEND DAYS (MINUTES)
110	avginbeddurationwe5	Num	8		AVERAGE IN BED INTERVAL DURATION FROM MAIN SLEEPS ACROSS ALL WEEKEND DAYS (MINUTES)
111	sdinbeddurationwe5	Num	8		STANDARD DEVIATION OF THE WEEKEND IN BED INTERVAL DURATION (MINUTES)
112	avgsleepperioddurationwe5	Num	8		AVERAGE SLEEP PERIOD DURATION FROM MAIN SLEEPS ACROSS ALL WEEKEND DAYS (MINUTES)
113	sdsleepperioddurationwe5	Num	8		STANDARD DEVIATION OF THE WEEKEND SLEEP PERIOD DURATION (MINUTES)
114	avgmainsleepwe5	Num	8		AVERAGE SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL WEEKEND DAYS (MINUTES)
115	sdmainsleepwe5	Num	8		STANDARD DEVIATION OF SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL WEEKEND DAYS (MINUTES)
116	avgonsetlatencywe5	Num	8		AVERAGE SLEEP ONSET LATENCY TIME IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS IN MINUTES (MINUTES)
117	avgwasowe5	Num	8		AVERAGE WAKE AFTER SLEEP ONSET (WASO) IN WEEKEND MAIN SLEEPS (MINUTES)
118	avgsnoozewe5	Num	8		AVERAGE SNOOZE TIME IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS (MINUTES)

Num	Variable	Type	Len	Format	Label
119	avginbedwakewe5	Num	8		AVERAGE TOTAL TIME SPENT AWAKE DURING THE WEEKEND IN BED INTERVAL (MINUTES)
120	avgefficiencywe5	Num	8		AVERAGE SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS (PERCENT)
121	sdefficiencywe5	Num	8		STANDARD DEVIATION OF SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS (PERCENT)
122	avgmainteffwe5	Num	8		AVERAGE SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS (PERCENT)
123	sdmainteffwe5	Num	8		STANDARD DEVIATION OF SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS (PERCENT)
124	avgfragmentationwe5	Num	8		AVERAGE FRAGMENTATION INDEX IN MAIN SLEEPS ACROSS ALL WEEKEND DAYS (PERCENT)
125	avgsleepboutswe5	Num	8		AVERAGE SLEEP BOUTS IN MAIN SLEEP PERIODS ACROSS ALL WEEKEND DAYS (SLEEP BOUTS)
126	avgwakeboutswe5	Num	8		AVERAGE WAKE BOUTS IN MAIN SLEEP PERIODS ACROSS ALL WEEKEND DAYS (WAKE BOUTS)
127	ndaysnapsallwe5	Num	8		NUMBER OF WEEKEND DAYS WITH NAPS WHEN ALL NAPS ARE COUNTED (WEEKEND DAYS)
128	ndaysnapssleepwe5	Num	8		NUMBER OF WEEKEND DAYS WITH NAPS WHEN ONLY NAPS WITH SOME SLEEP TIME ARE COUNTED (WEEKEND DAYS)
129	ndaysnapssleep15we5	Num	8		NUMBER OF WEEKEND DAYS WITH NAPS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (WEEKEND DAYS)
130	avgnnapsallwe5	Num	8		AVERAGE NUMBER OF NAPS PER WEEKEND DAY WHEN ALL NAPS ARE COUNTED (NAPS)
131	avgnnapssleepwe5	Num	8		AVERAGE NUMBER OF NAPS PER WEEKEND DAY WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (NAPS)
132	avgnnapssleep15we5	Num	8		AVERAGE NUMBER OF NAPS PER WEEKEND DAY WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NAPS)
133	avgsleepnapsallwe5	Num	8		AVERAGE SLEEP TIME PER WEEKEND NAP WHEN ALL NAPS ARE COUNTED (MINUTES)
134	avgsleepnapssleepwe5	Num	8		AVERAGE SLEEP TIME PER WEEKEND NAP WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
135	avgsleepnapssleep15we5	Num	8		AVERAGE SLEEP TIME PER WEEKEND NAP WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
136	avgsleepnapdailywe5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL WEEKEND DAYS IN THE RECORDING WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
137	avgsleepnapdaily15we5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL WEEKEND DAYS IN THE RECORDING WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
138	avginbedtimewe5	Num	8	TIME8.	AVERAGE CLOCK TIME TO GET IN BED FOR MAIN SLEEP ACROSS ALL WEEKEND DAYS (HH:MM:SS)
139	sdinbedtimewe5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKEND IN BED TIME (HH:MM:SS)
140	avgsleeponsettimewe5	Num	8	TIME8.	AVERAGE TIME TO FALL ASLEEP FOR MAIN SLEEP ACROSS ALL WEEKEND DAYS (HH:MM:SS)

Num	Variable	Type	Len	Format	Label
141	sdsleeponsettimewe5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKEND SLEEP ONSET TIME (HH:MM:SS)
142	avgsleepoffsettimewe5	Num	8	TIME8.	AVERAGE TIME TO WAKE UP FOR MAIN SLEEP ACROSS ALL WEEKEND DAYS IN MINUTES (HH:MM:SS)
143	sdsleepoffsettimewe5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKEND SLEEP OFFSET TIME (HH:MM:SS)
144	avgoutbedtimewe5	Num	8	TIME8.	AVERAGE TIME TO GET OUT OF BED AFTER MAIN SLEEP ACROSS ALL WEEKEND DAYS IN MINUTES (HH:MM:SS)
145	sdoutbedtimewe5	Num	8	TIME8.	STANDARD DEVIATION OF THE WEEKEND OUT OF BED TIME (HH:MM:SS)
146	avgrestmidpointwe5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN WEEKEND IN BED AND OUT OF BED TIMES (HH:MM:SS)
147	sdrestmidpointwe5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN WEEKEND IN BED AND OUT OF BED TIMES (HH:MM:SS)
148	avgsleepmidpointwe5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN WEEKEND SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
149	sdsleepmidpointwe5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN WEEKEND SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
150	avgwhitetaltwe5	Num	8		AVERAGE WHITE LIGHT TIME ABOVE 1000 LUX THRESHOLD PER WEEKEND DAY (MINUTES)
151	avgbluetaltwe5	Num	8		AVERAGE BLUE LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WEEKEND DAY (MINUTES)
152	avggreentaltwe5	Num	8		AVERAGE GREEN LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WEEKEND DAY (MINUTES)
153	avgredtaltwe5	Num	8		AVERAGE RED LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WEEKEND DAY (MINUTES)
154	ndayswo5	Num	8		NUMBER OF WORKDAY DAYS WITH SLEEP DATA IN RECORDING (WORKDAY DAYS)
155	avg24hrsleepwo5	Num	8		AVERAGE 24 HOUR SLEEP ACROSS ALL WORKDAY DAYS (MINUTES)
156	sd24hrsleepwo5	Num	8		STANDARD DEVIATION OF 24 HOUR SLEEP ACROSS ALL WORKDAY DAYS (MINUTES)
157	avginbeddurationwo5	Num	8		AVERAGE IN BED INTERVAL DURATION FROM MAIN SLEEPS ACROSS ALL WORKDAY DAYS (MINUTES)
158	sdinbeddurationwo5	Num	8		STANDARD DEVIATION OF THE WORKDAY IN BED INTERVAL DURATION (MINUTES)
159	avgsleepperioddurationwo5	Num	8		AVERAGE SLEEP PERIOD DURATION FROM MAIN SLEEPS ACROSS ALL WORKDAY DAYS (MINUTES)
160	sdsleepperioddurationwo5	Num	8		STANDARD DEVIATION OF THE WORKDAY SLEEP PERIOD DURATION (MINUTES)
161	avgmainsleepwo5	Num	8		AVERAGE SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL WORKDAY DAYS (MINUTES)
162	sdmainsleepwo5	Num	8		STANDARD DEVIATION OF SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL WORKDAY DAYS (MINUTES)

Num	Variable	Type	Len	Format	Label
163	avgonsetlatencywo5	Num	8		AVERAGE SLEEP ONSET LATENCY TIME IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS IN MINUTES (MINUTES)
164	avgwasowo5	Num	8		AVERAGE WAKE AFTER SLEEP ONSET (WASO) IN WORKDAY MAIN SLEEPS (MINUTES)
165	avgsnoozewo5	Num	8		AVERAGE SNOOZE TIME IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS (MINUTES)
166	avginbedwakewo5	Num	8		AVERAGE TOTAL TIME SPENT AWAKE DURING THE WORKDAY IN BED INTERVAL (MINUTES)
167	avgefficiencywo5	Num	8		AVERAGE SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS (PERCENT)
168	sdefficiencywo5	Num	8		STANDARD DEVIATION OF SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS (PERCENT)
169	avgmainteffwo5	Num	8		AVERAGE SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS (PERCENT)
170	sdmainteffwo5	Num	8		STANDARD DEVIATION OF SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS (PERCENT)
171	avgfragmentationwo5	Num	8		AVERAGE FRAGMENTATION INDEX IN MAIN SLEEPS ACROSS ALL WORKDAY DAYS (PERCENT)
172	avgsleepboutswo5	Num	8		AVERAGE SLEEP BOUTS IN MAIN SLEEP PERIODS ACROSS ALL WORKDAY DAYS (SLEEP BOUTS)
173	avgwakeboutswo5	Num	8		AVERAGE WAKE BOUTS IN MAIN SLEEP PERIODS ACROSS ALL WORKDAY DAYS (WAKE BOUTS)
174	ndaysnapsallwo5	Num	8		NUMBER OF WORKDAY DAYS WITH NAPS WHEN ALL NAPS ARE COUNTED (WORKDAY DAYS)
175	ndaysnapssleepwo5	Num	8		NUMBER OF WORKDAY DAYS WITH NAPS WHEN ONLY NAPS WITH SOME SLEEP TIME ARE COUNTED (WORKDAY DAYS)
176	ndaysnapssleep15wo5	Num	8		NUMBER OF WORKDAY DAYS WITH NAPS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (WORKDAY DAYS)
177	avgnnapsallwo5	Num	8		AVERAGE NUMBER OF NAPS PER WORKDAY DAY WHEN ALL NAPS ARE COUNTED (NAPS)
178	avgnnapssleepwo5	Num	8		AVERAGE NUMBER OF NAPS PER WORKDAY DAY WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (NAPS)
179	avgnnapssleep15wo5	Num	8		AVERAGE NUMBER OF NAPS PER WORKDAY DAY WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NAPS)
180	avgsleepnapsallwo5	Num	8		AVERAGE SLEEP TIME PER WORKDAY NAP WHEN ALL NAPS ARE COUNTED (MINUTES)
181	avgsleepnapssleepwo5	Num	8		AVERAGE SLEEP TIME PER WORKDAY NAP WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
182	avgsleepnapssleep15wo5	Num	8		AVERAGE SLEEP TIME PER WORKDAY NAP WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
183	avgsleepnapdailywo5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL WORKDAY DAYS IN THE RECORDING WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
184	avgsleepnapdaily15wo5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL WORKDAY DAYS IN THE RECORDING WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)

Num	Variable	Type	Len	Format	Label
185	avginbedtimewo5	Num	8	TIME8.	AVERAGE CLOCK TIME TO GET IN BED FOR MAIN SLEEP ACROSS ALL WORKDAY DAYS (HH:MM:SS)
186	sdinbedtimewo5	Num	8	TIME8.	STANDARD DEVIATION OF THE WORKDAY IN BED TIME (HH:MM:SS)
187	avgsleeponsettimewo5	Num	8	TIME8.	AVERAGE TIME TO FALL ASLEEP FOR MAIN SLEEP ACROSS ALL WORKDAY DAYS (HH:MM:SS)
188	sdsleeponsettimewo5	Num	8	TIME8.	STANDARD DEVIATION OF THE WORKDAY SLEEP ONSET TIME (HH:MM:SS)
189	avgsleepoffsettimewo5	Num	8	TIME8.	AVERAGE TIME TO WAKE UP FOR MAIN SLEEP ACROSS ALL WORKDAY DAYS IN MINUTES (HH:MM:SS)
190	sdsleepoffsettimewo5	Num	8	TIME8.	STANDARD DEVIATION OF THE WORKDAY SLEEP OFFSET TIME (HH:MM:SS)
191	avgoutbedtimewo5	Num	8	TIME8.	AVERAGE TIME TO GET OUT OF BED AFTER MAIN SLEEP ACROSS ALL WORKDAY DAYS IN MINUTES (HH:MM:SS)
192	sdoutbedtimewo5	Num	8	TIME8.	STANDARD DEVIATION OF THE WORKDAY OUT OF BED TIME (HH:MM:SS)
193	avgrestmidpointwo5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN WORKDAY IN BED AND OUT OF BED TIMES (HH:MM:SS)
194	sdrestmidpointwo5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN WORKDAY IN BED AND OUT OF BED TIMES (HH:MM:SS)
195	avgsleepmidpointwo5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN WORKDAY SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
196	sdsleepmidpointwo5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN WORKDAY SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
197	avgwhitetaltwo5	Num	8		AVERAGE WHITE LIGHT TIME ABOVE 1000 LUX THRESHOLD PER WORKDAY DAY (MINUTES)
198	avgbluetaltwo5	Num	8		AVERAGE BLUE LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WORKDAY DAY (MINUTES)
199	avggreentaltwo5	Num	8		AVERAGE GREEN LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WORKDAY DAY (MINUTES)
200	avgredtaltwo5	Num	8		AVERAGE RED LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER WORKDAY DAY (MINUTES)
201	ndaysnw5	Num	8		NUMBER OF NON-WORKDAY DAYS WITH SLEEP DATA IN RECORDING (NON-WORKDAY DAYS)
202	avg24hrsleepnw5	Num	8		AVERAGE 24 HOUR SLEEP ACROSS ALL NON-WORKDAY DAYS (MINUTES)
203	sd24hrsleepnw5	Num	8		STANDARD DEVIATION OF 24 HOUR SLEEP ACROSS ALL NON-WORKDAY DAYS (MINUTES)
204	avginbeddurationnw5	Num	8		AVERAGE IN BED INTERVAL DURATION FROM MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (MINUTES)
205	sdinbeddurationnw5	Num	8		STANDARD DEVIATION OF THE NON-WORKDAY IN BED INTERVAL DURATION (MINUTES)
206	avgsleepperioddurationnw5	Num	8		AVERAGE SLEEP PERIOD DURATION FROM MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (MINUTES)

Num	Variable	Type	Len	Format	Label
207	sdsleepperiodurationnw5	Num	8		STANDARD DEVIATION OF THE NON-WORKDAY SLEEP PERIOD DURATION (MINUTES)
208	avgmainsleepnw5	Num	8		AVERAGE SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL NON-WORKDAY DAYS (MINUTES)
209	sdmainsleepnw5	Num	8		STANDARD DEVIATION OF SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL NON-WORKDAY DAYS (MINUTES)
210	avgonsetlatencynw5	Num	8		AVERAGE SLEEP ONSET LATENCY TIME IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS IN MINUTES (MINUTES)
211	avgwasonw5	Num	8		AVERAGE WAKE AFTER SLEEP ONSET (WASO) IN NON-WORKDAY MAIN SLEEPS (MINUTES)
212	avgsnoozenw5	Num	8		AVERAGE SNOOZE TIME IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (MINUTES)
213	avginbedwakenw5	Num	8		AVERAGE TOTAL TIME SPENT AWAKE DURING THE NON-WORKDAY IN BED INTERVAL (MINUTES)
214	avgefficiencynw5	Num	8		AVERAGE SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (PERCENT)
215	sdefficiencynw5	Num	8		STANDARD DEVIATION OF SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (PERCENT)
216	avgmainteffnw5	Num	8		AVERAGE SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (PERCENT)
217	sdmainteffnw5	Num	8		STANDARD DEVIATION OF SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (PERCENT)
218	avgfragmentationnw5	Num	8		AVERAGE FRAGMENTATION INDEX IN MAIN SLEEPS ACROSS ALL NON-WORKDAY DAYS (PERCENT)
219	avgsleepboutsnw5	Num	8		AVERAGE SLEEP BOUTS IN MAIN SLEEP PERIODS ACROSS ALL NON-WORKDAY DAYS (SLEEP BOUTS)
220	avgwakeboutsnw5	Num	8		AVERAGE WAKE BOUTS IN MAIN SLEEP PERIODS ACROSS ALL NON-WORKDAY DAYS (WAKE BOUTS)
221	ndaysnapsallnw5	Num	8		NUMBER OF NON-WORKDAY DAYS WITH NAPS WHEN ALL NAPS ARE COUNTED (NON-WORKDAY DAYS)
222	ndaysnapssleepnw5	Num	8		NUMBER OF NON-WORKDAY DAYS WITH NAPS WHEN ONLY NAPS WITH SOME SLEEP TIME ARE COUNTED (NON-WORKDAY DAYS)
223	ndaysnapssleep15nw5	Num	8		NUMBER OF NON-WORKDAY DAYS WITH NAPS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NON-WORKDAY DAYS)
224	avgnnapsallnw5	Num	8		AVERAGE NUMBER OF NAPS PER NON-WORKDAY DAY WHEN ALL NAPS ARE COUNTED (NAPS)
225	avgnnapssleepnw5	Num	8		AVERAGE NUMBER OF NAPS PER NON-WORKDAY DAY WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (NAPS)
226	avgnnapssleep15nw5	Num	8		AVERAGE NUMBER OF NAPS PER NON-WORKDAY DAY WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NAPS)
227	avgsleepnapsallnw5	Num	8		AVERAGE SLEEP TIME PER NON-WORKDAY NAP WHEN ALL NAPS ARE COUNTED (MINUTES)
228	avgsleepnapssleepnw5	Num	8		AVERAGE SLEEP TIME PER NON-WORKDAY NAP WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)

Num	Variable	Type	Len	Format	Label
229	avgsleepnapssleep15nw5	Num	8		AVERAGE SLEEP TIME PER NON-WORKDAY NAP WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
230	avgsleepnapdailynw5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL NON-WORKDAY DAYS IN THE RECORDING WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
231	avgsleepnapdaily15nw5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL NON-WORKDAY DAYS IN THE RECORDING WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
232	avginbedtimenw5	Num	8	TIME8.	AVERAGE CLOCK TIME TO GET IN BED FOR MAIN SLEEP ACROSS ALL NON-WORKDAY DAYS (HH:MM:SS)
233	sdinbedtimenw5	Num	8	TIME8.	STANDARD DEVIATION OF THE NON-WORKDAY IN BED TIME (HH:MM:SS)
234	avgsleeponsettimenw5	Num	8	TIME8.	AVERAGE TIME TO FALL ASLEEP FOR MAIN SLEEP ACROSS ALL NON-WORKDAY DAYS (HH:MM:SS)
235	sdsleeponsettimenw5	Num	8	TIME8.	STANDARD DEVIATION OF THE NON-WORKDAY SLEEP ONSET TIME (HH:MM:SS)
236	avgsleepoffsettimenw5	Num	8	TIME8.	AVERAGE TIME TO WAKE UP FOR MAIN SLEEP ACROSS ALL NON-WORKDAY DAYS IN MINUTES (HH:MM:SS)
237	sdsleepoffsettimenw5	Num	8	TIME8.	STANDARD DEVIATION OF THE NON-WORKDAY SLEEP OFFSET TIME (HH:MM:SS)
238	avgoutbedtimenw5	Num	8	TIME8.	AVERAGE TIME TO GET OUT OF BED AFTER MAIN SLEEP ACROSS ALL NON-WORKDAY DAYS IN MINUTES (HH:MM:SS)
239	sdoutbedtimenw5	Num	8	TIME8.	STANDARD DEVIATION OF THE NON-WORKDAY OUT OF BED TIME (HH:MM:SS)
240	avgrestmidpointnw5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN NON-WORKDAY IN BED AND OUT OF BED TIMES (HH:MM:SS)
241	sdrestmidpointnw5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN NON-WORKDAY IN BED AND OUT OF BED TIMES (HH:MM:SS)
242	avgsleepmidpointnw5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN NON-WORKDAY SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
243	sdsleepmidpointnw5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN NON-WORKDAY SLEEP ONSET AND SLEEP OFFSET TIMES (HH:MM:SS)
244	avgwhitetaltnw5	Num	8		AVERAGE WHITE LIGHT TIME ABOVE 1000 LUX THRESHOLD PER NON-WORKDAY DAY (MINUTES)
245	avgbluetaltnw5	Num	8		AVERAGE BLUE LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER NON-WORKDAY DAY (MINUTES)
246	avggreentaltnw5	Num	8		AVERAGE GREEN LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER NON-WORKDAY DAY (MINUTES)
247	avgredtaltnw5	Num	8		AVERAGE RED LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER NON-WORKDAY DAY (MINUTES)
248	ndaysrd5	Num	8		NUMBER OF RELIABLE DAYS WITH SLEEP DATA IN RECORDING (RELIABLE DAYS)
249	avg24hrsleeprd5	Num	8		AVERAGE 24 HOUR SLEEP ACROSS ALL RELIABLE DAYS (MINUTES)

Num	Variable	Type	Len	Format	Label
250	sd24hrsleeprd5	Num	8		STANDARD DEVIATION OF 24 HOUR SLEEP ACROSS ALL RELIABLE DAYS (MINUTES)
251	avginbeddurationrd5	Num	8		AVERAGE IN BED INTERVAL DURATION FROM MAIN SLEEPS ACROSS ALL RELIABLE DAYS (MINUTES)
252	sdinbeddurationrd5	Num	8		STANDARD DEVIATION OF THE IN BED INTERVAL DURATION ACROSS RELIABLE DAYS (MINUTES)
253	avgsleepperioddurationrd5	Num	8		AVERAGE SLEEP PERIOD DURATION FROM MAIN SLEEPS ACROSS ALL RELIABLE DAYS (MINUTES)
254	sdsleepperioddurationrd5	Num	8		STANDARD DEVIATION OF THE SLEEP PERIOD DURATION ACROSS RELIABLE DAYS (MINUTES)
255	avgmainsleeprd5	Num	8		AVERAGE SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL RELIABLE DAYS (MINUTES)
256	sdmainsleeprd5	Num	8		STANDARD DEVIATION OF SLEEP TIME IN MAIN SLEEP PERIODS ACROSS ALL RELIABLE DAYS (MINUTES)
257	avgonsetlatencyrd5	Num	8		AVERAGE SLEEP ONSET LATENCY TIME IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS IN MINUTES (MINUTES)
258	avgwasord5	Num	8		AVERAGE WAKE AFTER SLEEP ONSET (WASO) IN RELIABLE DAY MAIN SLEEPS (MINUTES)
259	avgsnoozerd5	Num	8		AVERAGE SNOOZE TIME IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS (MINUTES)
260	avginbedwakerd5	Num	8		AVERAGE TOTAL TIME SPENT AWAKE DURING THE IN BED INTERVAL ACROSS RELIABLE DAYS (MINUTES)
261	avgefficiencyrd5	Num	8		AVERAGE SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS (PERCENT)
262	sdefficiencyrd5	Num	8		STANDARD DEVIATION OF SLEEP EFFICIENCY IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS (PERCENT)
263	avgmainteffrd5	Num	8		AVERAGE SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS (PERCENT)
264	sdmainteffrd5	Num	8		STANDARD DEVIATION OF SLEEP MAINTENANCE EFFICIENCY IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS (PERCENT)
265	avgfragmentationrd5	Num	8		AVERAGE FRAGMENTATION INDEX IN MAIN SLEEPS ACROSS ALL RELIABLE DAYS (PERCENT)
266	avgsleepboutsrd5	Num	8		AVERAGE SLEEP BOUTS IN MAIN SLEEP PERIODS ACROSS ALL RELIABLE DAYS (SLEEP BOUTS)
267	avgwakeboutsrd5	Num	8		AVERAGE WAKE BOUTS IN MAIN SLEEP PERIODS ACROSS ALL RELIABLE DAYS (WAKE BOUTS)
268	ndaysnapsallrd5	Num	8		NUMBER OF DAYS WITH NAPS WHEN ALL NAPS ARE COUNTED, ACROSS RELIABLE DAYS (RELIABLE DAYS)
269	ndaysnapssleeprd5	Num	8		NUMBER OF RELIABLE DAYS WITH NAPS WHEN ONLY NAPS WITH SOME SLEEP TIME ARE COUNTED (RELIABLE DAYS)
270	ndaysnapssleep15rd5	Num	8		NUMBER OF RELIABLE DAYS WITH NAPS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (RELIABLE DAYS)
271	avgnnapsallrd5	Num	8		AVERAGE NUMBER OF NAPS PER RELIABLE DAY WHEN ALL NAPS ARE COUNTED (NAPS)
272	avgnnapssleeprd5	Num	8		AVERAGE NUMBER OF NAPS PER RELIABLE DAY WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (NAPS)

Num	Variable	Type	Len	Format	Label
273	avgnnapssleep15rd5	Num	8		AVERAGE NUMBER OF NAPS PER RELIABLE DAY WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (NAPS)
274	avgsleepnapsallrd5	Num	8		AVERAGE SLEEP TIME PER NAP ACROSS RELIABLE DAYS WHEN ALL NAPS ARE COUNTED (MINUTES)
275	avgsleepnapssleeprd5	Num	8		AVERAGE SLEEP TIME PER NAP ACROSS RELIABLE DAYS WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
276	avgsleepnapssleep15rd5	Num	8		AVERAGE SLEEP TIME PER NAP ACROSS RELIABLE DAYS WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
277	avgsleepnapdailyrd5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL RELIABLE DAYS IN THE RECORDING WHEN ONLY NAPS WITH SOME SLEEP ARE COUNTED (MINUTES)
278	avgsleepnapdaily15rd5	Num	8		AVERAGE SLEEP TIME IN NAPS PER DAY ACROSS ALL RELIABLE DAYS IN THE RECORDING WHEN ONLY NAPS WITH >=15 MINUTES OF SLEEP TIME ARE COUNTED (MINUTES)
279	avginbedtimerd5	Num	8	TIME8.	AVERAGE CLOCK TIME TO GET IN BED FOR MAIN SLEEP ACROSS ALL RELIABLE DAYS (HH:MM:SS)
280	sdinbedtimerd5	Num	8	TIME8.	STANDARD DEVIATION OF THE IN BED TIME ACROSS RELIABLE DAYS (HH:MM:SS)
281	avgsleeponsettimerd5	Num	8	TIME8.	AVERAGE TIME TO FALL ASLEEP FOR MAIN SLEEP ACROSS ALL RELIABLE DAYS (HH:MM:SS)
282	sdsleeponsettimerd5	Num	8	TIME8.	STANDARD DEVIATION OF THE SLEEP ONSET TIME ACROSS RELIABLE DAYS (HH:MM:SS)
283	avgsleepoffsettimerd5	Num	8	TIME8.	AVERAGE TIME TO WAKE UP FOR MAIN SLEEP ACROSS ALL RELIABLE DAYS IN MINUTES (HH:MM:SS)
284	sdsleepoffsettimerd5	Num	8	TIME8.	STANDARD DEVIATION OF THE SLEEP OFFSET TIME ACROSS RELIABLE DAYS (HH:MM:SS)
285	avgoutbedtimerd5	Num	8	TIME8.	AVERAGE TIME TO GET OUT OF BED AFTER MAIN SLEEP ACROSS ALL RELIABLE DAYS IN MINUTES (HH:MM:SS)
286	sdoutbedtimerd5	Num	8	TIME8.	STANDARD DEVIATION OF THE OUT OF BED TIME ACROSS RELIABLE DAYS (HH:MM:SS)
287	avgrestmidpointrd5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN IN BED AND OUT OF BED TIMES ACROSS RELIABLE DAYS (HH:MM:SS)
288	sdrestmidpointrd5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN IN BED AND OUT OF BED TIMES ACROSS RELIABLE DAYS (HH:MM:SS)
289	avgsleepmidpointrd5	Num	8	TIME8.	AVERAGE TIME MIDPOINT BETWEEN SLEEP ONSET AND SLEEP OFFSET TIMES ACROSS RELIABLE DAYS (HH:MM:SS)
290	sdsleepmidpointrd5	Num	8	TIME8.	STANDARD DEVIATION OF THE MIDPOINT BETWEEN SLEEP ONSET AND SLEEP OFFSET TIMES ACROSS RELIABLE DAYS (HH:MM:SS)
291	avgwhitetaltrd5	Num	8		AVERAGE WHITE LIGHT TIME ABOVE 1000 LUX THRESHOLD PER RELIABLE DAY (MINUTES)
292	avgbluetaltrd5	Num	8		AVERAGE BLUE LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER RELIABLE DAY (MINUTES)
293	avggreentaltrd5	Num	8		AVERAGE GREEN LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER RELIABLE DAY (MINUTES)

Num	Variable	Type	Len	Format	Label
294	avgredtaltrd5	Num	8		AVERAGE RED LIGHT TIME ABOVE 1000 MICROWATTS PER SQUARE CENTIMETER THRESHOLD PER RELIABLE DAY (MINUTES)
295	avgactactive5	Num	8		AVERAGE ACTIVITY COUNT PER MINUTE IN ACTIVE INTERVALS ACROSS ALL DAYS (ACTIVITY COUNTS)
296	avgactmainsleep5	Num	8		AVERAGE ACTIVITY COUNT PER MINUTE IN MAIN SLEEP PERIODS ACROSS ALL DAYS (ACTIVITY COUNTS)
297	avgactnaps5	Num	8		AVERAGE ACTIVITY COUNT PER MINUTE IN NAP PERIODS ACROSS ALL DAYS (ACTIVITY COUNTS)
298	avgact24hr5	Num	8		AVERAGE ACTIVITY COUNT PER MINUTE OVER 24-HOUR PERIODS ACROSS ALL DAYS (ACTIVITY COUNTS)
299	dstoverlap5	Num	8		STUDY OVERLAPS WITH DAYLIGHT SAVING TIME START (MARCH) OR END (NOVEMBER)
300	epochlength5	Num	8		ORIGINAL EPOCH LENGTH FOR PROCESSED ACTIGRAPHY STUDY (SECONDS)

Data Set Name: mesaas113_ai_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Format	Label
1	MESAID	Num	8		MESA PARTICIPANT ID
2	interval_type5	Num	8		INTERVAL TYPE
3	dur5	Num	8		DURATION OF REST INTERVAL (MINUTES)
4	offwrist_rest5	Num	8		OFFWRIST TIME IN REST INTERVAL (MINUTES)
5	poffwrist_rest5	Num	8		PERCENT OF TIME OFFWRIST IN REST INTERVAL
6	ac_total_rest5	Num	8		TOTAL ACTIVITY COUNTS (AC) IN REST INTERVAL
7	ac_avg_min_rest5	Num	8		AVERAGE ACTIVITY COUNTS PER MINUTE IN REST INTERVAL
8	ac_avg_ep_rest5	Num	8		AVERAGE ACTIVITY COUNTS PER EPOCH IN REST INTERVAL
9	ac_std_rest5	Num	8		AVERAGE STD OF ACTIVITY COUNTS PER EPOCH IN REST INTERVAL
10	ac_max_rest5	Num	8		MAXIMUM ACTIVITY COUNT IN EPOCH IN REST INTERVAL
11	ac_inv_time_rest5	Num	8		INVALID ACTIVITY COUNT TIME IN REST INTERVAL (MINUTES)
12	ac_pinv_rest5	Num	8		PERCENT OF TIME INVALID ACTIVITY COUNT IN REST INTERVAL
13	immtime_rest5	Num	8		IMMOBILE TIME IN REST INTERVAL (MINUTES)
14	pimmtime_rest5	Num	8		PERCENT TIME IMMOBILE IN REST INTERVAL
15	imm_bouts_rest5	Num	8		NUMBER OF IMMOBILE BOUTS IN REST INTERVAL
16	avg_imm_bout_rest5	Num	8		AVERAGE LENGTH OF IMMOBILE BOUT IN REST INTERVAL (MINUTES)
17	mobile_rest5	Num	8		MOBILE TIME IN REST INTERVAL (MINUTES)
18	pmobile_rest5	Num	8		PERCENT TIME MOBILE IN REST INTERVAL
19	mobile_bouts_rest5	Num	8		NUMBER OF MOBILE BOUTS IN REST INTERVAL
20	avg_mobile_bout_rest5	Num	8		AVERAGE LENGTH OF MOBILE BOUT IN REST INTERVAL (MINUTES)
21	imm1_rest5	Num	8		TIME SPENT IN IMMOBILE BOUTS OF 1 MINUTE OR LESS IN REST INTERVAL (MINUTES)
22	pimm1_rest5	Num	8		PERCENT TIME SPENT IN IMMOBILE BOUTS OF 1 MINUTE OR LESS IN REST INTERVAL
23	frag_rest5	Num	8		FRAGMENTATION INDEX IN REST INTERVAL
24	dur_sleep5	Num	8		DURATION OF SLEEP INTERVAL (MINUTES)
25	offwrist_sleep5	Num	8		OFFWRIST TIME IN SLEEP INTERVAL (MINUTES)
26	poffwrist_sleep5	Num	8		PERCENT OF TIME OFFWRIST IN SLEEP INTERVAL
27	ac_total_sleep5	Num	8		TOTAL ACTIVITY COUNTS (AC) IN SLEEP INTERVAL
28	ac_avg_min_sleep5	Num	8		AVERAGE ACTIVITY COUNTS PER MINUTE IN SLEEP INTERVAL
29	ac_avg_ep_sleep5	Num	8		AVERAGE ACTIVITY COUNTS PER EPOCH IN SLEEP INTERVAL
30	ac_std_sleep5	Num	8		AVERAGE STD OF ACTIVITY COUNTS PER EPOCH IN SLEEP INTERVAL
31	ac_max_sleep5	Num	8		MAXIMUM ACTIVITY COUNT IN EPOCH IN SLEEP INTERVAL
32	ac_inv_time_sleep5	Num	8		INVALID ACTIVITY COUNT TIME IN SLEEP INTERVAL (MINUTES)

Num	Variable	Type	Len	Format	Label
33	ac_pinv_sleep5	Num	8		PERCENT OF TIME INVALID ACTIVITY COUNT IN SLEEP INTERVAL
34	sw_inv_time5	Num	8		INVALID SLEEP/WAKE TIME IN SLEEP INTERVAL (MINUTES)
35	sw_pinv5	Num	8		PERCENT TIME INVALID SLEEP/WAKE IN SLEEP INTERVAL
36	latency5	Num	8		SLEEP ONSET LATENCY TIME (MINUTES) (BETWEEN IN BED AND SLEEP ONSET)
37	snooze5	Num	8		SNOOZE TIME (MINUTES) (BETWEEN SLEEP OFFSET AND OUT OF BED)
38	eff5	Num	8		SLEEP EFFICIENCY (PERCENT OF TIME SPENT ASLEEP BETWEEN SLEEP ONSET AND OFFSET)
39	waso5	Num	8		WAKE AFTER SLEEP ONSET (MINUTES)
40	wake5	Num	8		WAKE TIME IN SLEEP INTERVAL (MINUTES)
41	pwake5	Num	8		PERCENT TIME WAKE IN SLEEP INTERVAL
42	wake_bouts5	Num	8		NUMBER OF WAKE BOUTS IN SLEEP INTERVAL
43	avg_wake_bout5	Num	8		AVERAGE LENGTH OF WAKE BOUT IN SLEEP INTERVAL (MINUTES)
44	slptime5	Num	8		SLEEP TIME IN SLEEP INTERVAL (MINUTES)
45	pslp5	Num	8		PERCENT TIME SLEEP IN SLEEP INTERVAL
46	sleep_bouts5	Num	8		NUMBER OF SLEEP BOUTS IN SLEEP INTERVAL
47	avg_sleep_bout5	Num	8		AVERAGE LENGTH OF SLEEP BOUT IN SLEEP INTERVAL (MINUTES)
48	immtime_sleep5	Num	8		IMMOBILE TIME IN SLEEP INTERVAL (MINUTES)
49	pimmtime_sleep5	Num	8		PERCENT TIME IMMOBILE IN SLEEP INTERVAL
50	imm_bouts_sleep5	Num	8		NUMBER OF IMMOBILE BOUTS IN SLEEP INTERVAL
51	avg_imm_bout_sleep5	Num	8		AVERAGE LENGTH OF IMMOBILE BOUT IN SLEEP INTERVAL (MINUTES)
52	mobile_sleep5	Num	8		MOBILE TIME IN SLEEP INTERVAL (MINUTES)
53	pmobile_sleep5	Num	8		PERCENT TIME MOBILE IN SLEEP INTERVAL
54	mobile_bouts_sleep5	Num	8		NUMBER OF MOBILE BOUTS IN SLEEP INTERVAL
55	avg_mobile_bout_sleep5	Num	8		AVERAGE LENGTH OF MOBILE BOUT IN SLEEP INTERVAL (MINUTES)
56	imm1_sleep5	Num	8		TIME SPENT IN IMMOBILE BOUTS OF 1 MINUTE OR LESS IN SLEEP INTERVAL (MINUTES)
57	pimm1_sleep5	Num	8		PERCENT TIME SPENT IN IMMOBILE BOUTS OF 1 MINUTE OR LESS IN SLEEP INTERVAL
58	frag_sleep5	Num	8		FRAGMENTATION INDEX IN SLEEP INTERVAL
59	day5	Num	8		DAY NUMBER IN RECORDING
60	inbed_start5	Num	8	TIME8.	IN BED START TIME (DATE TIME) (TIME REST INTERVAL STARTED)
61	sleep_start5	Num	8	TIME8.	SLEEP ONSET TIME (DATE TIME) (TIME SLEEP PERIOD STARTED)
62	sleep_end5	Num	8	TIME8.	SLEEP OFFSET TIME (DATE TIME) (TIME SLEEP PERIOD ENDED)
63	inbed_end5	Num	8	TIME8.	IN BED END TIME (DATE TIME) (TIME REST INTERVAL ENDED)

Num	Variable	Type	Len	Format	Label
64	sleep_midpoint5	Num	8	TIME8.	MID-SLEEP TIME (MIDPOINT BETWEEN SLEEP ONSET AND OFFSET)
65	matches_psg_start_and_end5	Num	8		FOR PSG MATCHING: MAIN SLEEP INTERVAL MATCHES START AND END DATE OF PSG (0 = NO | 1 = YES)
66	matches_psg_end5	Num	8		FOR PSG MATCHING: MAIN SLEEP INTERVAL MATCHES END DATE OF PSG (0 = NO | 1 = YES)

Data Set Name: mesaas113_eb_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA PARTICIPANT ID
2	signal5	Char	12	EEG SIGNAL (EEG1 | EEG2 | EEG3)
3	slowosc_bandstart5	Num	8	SLOW OSCILLATIONS BAND START (HERTZ)
4	slowosc_bandend5	Num	8	SLOW OSCILLATIONS BAND END (HERTZ)
5	slowosc_sleep5	Num	8	SLOW OSCILLATION POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
6	slowosc_logsleep5	Num	8	LOG TRANSFORMED SLOW OSCILLATION POWER DENSITY IN SLEEP
7	slowosc_nrem5	Num	8	SLOW OSCILLATION POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
8	slowosc_lognrem5	Num	8	LOG TRANSFORMED SLOW OSCILLATION POWER DENSITY IN NREM SLEEP
9	slowosc_rem5	Num	8	SLOW OSCILLATION POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
10	slowosc_logrem5	Num	8	LOG TRANSFORMED SLOW OSCILLATION POWER DENSITY IN REM SLEEP
11	delta_bandstart5	Num	8	DELTA BAND START (HERTZ)
12	delta_bandend5	Num	8	DELTA BAND END (HERTZ)
13	delta_sleep5	Num	8	DELTA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
14	delta_logsleep5	Num	8	LOG TRANSFORMED DELTA POWER DENSITY IN SLEEP
15	delta_nrem5	Num	8	DELTA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
16	delta_lognrem5	Num	8	LOG TRANSFORMED DELTA POWER DENSITY IN NREM SLEEP
17	delta_rem5	Num	8	DELTA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
18	delta_logrem5	Num	8	LOG TRANSFORMED DELTA POWER DENSITY IN REM SLEEP
19	theta_bandstart5	Num	8	THETA BAND START (HERTZ)
20	theta_bandend5	Num	8	THETA BAND END (HERTZ)
21	theta_sleep5	Num	8	THETA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
22	theta_logsleep5	Num	8	LOG TRANSFORMED THETA POWER DENSITY IN SLEEP
23	theta_nrem5	Num	8	THETA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
24	theta_lognrem5	Num	8	LOG TRANSFORMED THETA POWER DENSITY IN NREM SLEEP
25	theta_rem5	Num	8	THETA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
26	theta_logrem5	Num	8	LOG TRANSFORMED THETA POWER DENSITY IN REM SLEEP
27	alpha_bandstart5	Num	8	ALPHA BAND START (HERTZ)
28	alpha_bandend5	Num	8	ALPHA BAND END (HERTZ)
29	alpha_sleep5	Num	8	ALPHA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
30	alpha_logsleep5	Num	8	LOG TRANSFORMED ALPHA POWER DENSITY IN SLEEP
31	alpha_nrem5	Num	8	ALPHA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
32	alpha_lognrem5	Num	8	LOG TRANSFORMED ALPHA POWER DENSITY IN NREM SLEEP
33	alpha_rem5	Num	8	ALPHA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
34	alpha_logrem5	Num	8	LOG TRANSFORMED ALPHA POWER DENSITY IN REM SLEEP

Num	Variable	Type	Len	Label
35	sigma_bandstart5	Num	8	SIGMA BAND START (HERTZ)
36	sigma_bandend5	Num	8	SIGMA BAND END (HERTZ)
37	sigma_sleep5	Num	8	SIGMA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
38	sigma_logsleep5	Num	8	LOG TRANSFORMED SIGMA POWER DENSITY IN SLEEP
39	sigma_nrem5	Num	8	SIGMA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
40	sigma_lognrem5	Num	8	LOG TRANSFORMED SIGMA POWER DENSITY IN NREM SLEEP
41	sigma_rem5	Num	8	SIGMA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
42	sigma_logrem5	Num	8	LOG TRANSFORMED SIGMA POWER DENSITY IN REM SLEEP
43	slowsigma_bandstart5	Num	8	SLOW SIGMA BAND START (HERTZ)
44	slowsigma_bandend5	Num	8	SLOW SIGMA BAND END (HERTZ)
45	slowsigma_sleep5	Num	8	SLOW SIGMA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
46	slowsigma_logsleep5	Num	8	LOG TRANSFORMED SLOW SIGMA POWER DENSITY IN SLEEP
47	slowsigma_nrem5	Num	8	SLOW SIGMA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
48	slowsigma_lognrem5	Num	8	LOG TRANSFORMED SLOW SIGMA POWER DENSITY IN NREM SLEEP
49	slowsigma_rem5	Num	8	SLOW SIGMA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
50	slowsigma_logrem5	Num	8	LOG TRANSFORMED SLOW SIGMA POWER DENSITY IN REM SLEEP
51	fastsigma_bandstart5	Num	8	FAST SIGMA BAND START (HERTZ)
52	fastsigma_bandend5	Num	8	FAST SIGMA BAND END (HERTZ)
53	fastsigma_sleep5	Num	8	FAST SIGMA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
54	fastsigma_logsleep5	Num	8	LOG TRANSFORMED FAST SIGMA POWER DENSITY IN SLEEP
55	fastsigma_nrem5	Num	8	FAST SIGMA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
56	fastsigma_lognrem5	Num	8	LOG TRANSFORMED FAST SIGMA POWER DENSITY IN NREM SLEEP
57	fastsigma_rem5	Num	8	FAST SIGMA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
58	fastsigma_logrem5	Num	8	LOG TRANSFORMED FAST SIGMA POWER DENSITY IN REM SLEEP
59	beta_bandstart5	Num	8	BETA BAND START (HERTZ)
60	beta_bandend5	Num	8	BETA BAND END (HERTZ)
61	beta_sleep5	Num	8	BETA POWER DENSITY IN SLEEP (MICROVOLTS SQUARED PER HERTZ)
62	beta_logsleep5	Num	8	LOG TRANSFORMED BETA POWER DENSITY IN SLEEP
63	beta_nrem5	Num	8	BETA POWER DENSITY IN NREM SLEEP (MICROVOLTS SQUARED PER HERTZ)
64	beta_lognrem5	Num	8	LOG TRANSFORMED BETA POWER DENSITY IN NREM SLEEP
65	beta_rem5	Num	8	BETA POWER DENSITY IN REM SLEEP (MICROVOLTS SQUARED PER HERTZ)
66	beta_logrem5	Num	8	LOG TRANSFORMED BETA POWER DENSITY IN REM SLEEP

Data Set Name: mesaas113_es_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA PARTICIPANT ID
2	signal5	Char	12	EEG SIGNAL (EEG1 | EEG2 | EEG3)
3	nrem_0_hz5	Num	8	NREM POWER DENSITY AT 0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
4	nrem_0_5_hz5	Num	8	NREM POWER DENSITY AT 0.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
5	nrem_1_hz5	Num	8	NREM POWER DENSITY AT 1.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
6	nrem_1_5_hz5	Num	8	NREM POWER DENSITY AT 1.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
7	nrem_2_hz5	Num	8	NREM POWER DENSITY AT 2.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
8	nrem_2_5_hz5	Num	8	NREM POWER DENSITY AT 2.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
9	nrem_3_hz5	Num	8	NREM POWER DENSITY AT 3.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
10	nrem_3_5_hz5	Num	8	NREM POWER DENSITY AT 3.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
11	nrem_4_hz5	Num	8	NREM POWER DENSITY AT 4.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
12	nrem_4_5_hz5	Num	8	NREM POWER DENSITY AT 4.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
13	nrem_5_hz5	Num	8	NREM POWER DENSITY AT 5.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
14	nrem_5_5_hz5	Num	8	NREM POWER DENSITY AT 5.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
15	nrem_6_hz5	Num	8	NREM POWER DENSITY AT 6.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
16	nrem_6_5_hz5	Num	8	NREM POWER DENSITY AT 6.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
17	nrem_7_hz5	Num	8	NREM POWER DENSITY AT 7.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
18	nrem_7_5_hz5	Num	8	NREM POWER DENSITY AT 7.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
19	nrem_8_hz5	Num	8	NREM POWER DENSITY AT 8.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
20	nrem_8_5_hz5	Num	8	NREM POWER DENSITY AT 8.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
21	nrem_9_hz5	Num	8	NREM POWER DENSITY AT 9.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
22	nrem_9_5_hz5	Num	8	NREM POWER DENSITY AT 9.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
23	nrem_10_hz5	Num	8	NREM POWER DENSITY AT 10.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
24	nrem_10_5_hz5	Num	8	NREM POWER DENSITY AT 10.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
25	nrem_11_hz5	Num	8	NREM POWER DENSITY AT 11.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
26	nrem_11_5_hz5	Num	8	NREM POWER DENSITY AT 11.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
27	nrem_12_hz5	Num	8	NREM POWER DENSITY AT 12.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
28	nrem_12_5_hz5	Num	8	NREM POWER DENSITY AT 12.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
29	nrem_13_hz5	Num	8	NREM POWER DENSITY AT 13.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
30	nrem_13_5_hz5	Num	8	NREM POWER DENSITY AT 13.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
31	nrem_14_hz5	Num	8	NREM POWER DENSITY AT 14.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
32	nrem_14_5_hz5	Num	8	NREM POWER DENSITY AT 14.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
33	nrem_15_hz5	Num	8	NREM POWER DENSITY AT 15.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
34	nrem_15_5_hz5	Num	8	NREM POWER DENSITY AT 15.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
35	nrem_16_hz5	Num	8	NREM POWER DENSITY AT 16.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
36	nrem_16_5_hz5	Num	8	NREM POWER DENSITY AT 16.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)

Num	Variable	Type	Len	Label
37	nrem_17_hz5	Num	8	NREM POWER DENSITY AT 17.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
38	nrem_17_5_hz5	Num	8	NREM POWER DENSITY AT 17.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
39	nrem_18_hz5	Num	8	NREM POWER DENSITY AT 18.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
40	nrem_18_5_hz5	Num	8	NREM POWER DENSITY AT 18.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
41	nrem_19_hz5	Num	8	NREM POWER DENSITY AT 19.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
42	nrem_19_5_hz5	Num	8	NREM POWER DENSITY AT 19.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
43	nrem_20_hz5	Num	8	NREM POWER DENSITY AT 20.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
44	nrem_20_5_hz5	Num	8	NREM POWER DENSITY AT 20.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
45	nrem_21_hz5	Num	8	NREM POWER DENSITY AT 21.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
46	nrem_21_5_hz5	Num	8	NREM POWER DENSITY AT 21.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
47	nrem_22_hz5	Num	8	NREM POWER DENSITY AT 22.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
48	nrem_22_5_hz5	Num	8	NREM POWER DENSITY AT 22.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
49	nrem_23_hz5	Num	8	NREM POWER DENSITY AT 23.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
50	nrem_23_5_hz5	Num	8	NREM POWER DENSITY AT 23.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
51	nrem_24_hz5	Num	8	NREM POWER DENSITY AT 24.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
52	nrem_24_5_hz5	Num	8	NREM POWER DENSITY AT 24.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
53	nrem_25_hz5	Num	8	NREM POWER DENSITY AT 25.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
54	rem_0_hz5	Num	8	REM POWER DENSITY AT 0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
55	rem_0_5_hz5	Num	8	REM POWER DENSITY AT 0.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
56	rem_1_hz5	Num	8	REM POWER DENSITY AT 1.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
57	rem_1_5_hz5	Num	8	REM POWER DENSITY AT 1.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
58	rem_2_hz5	Num	8	REM POWER DENSITY AT 2.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
59	rem_2_5_hz5	Num	8	REM POWER DENSITY AT 2.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
60	rem_3_hz5	Num	8	REM POWER DENSITY AT 3.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
61	rem_3_5_hz5	Num	8	REM POWER DENSITY AT 3.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
62	rem_4_hz5	Num	8	REM POWER DENSITY AT 4.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
63	rem_4_5_hz5	Num	8	REM POWER DENSITY AT 4.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
64	rem_5_hz5	Num	8	REM POWER DENSITY AT 5.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
65	rem_5_5_hz5	Num	8	REM POWER DENSITY AT 5.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
66	rem_6_hz5	Num	8	REM POWER DENSITY AT 6.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
67	rem_6_5_hz5	Num	8	REM POWER DENSITY AT 6.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
68	rem_7_hz5	Num	8	REM POWER DENSITY AT 7.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
69	rem_7_5_hz5	Num	8	REM POWER DENSITY AT 7.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
70	rem_8_hz5	Num	8	REM POWER DENSITY AT 8.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
71	rem_8_5_hz5	Num	8	REM POWER DENSITY AT 8.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
72	rem_9_hz5	Num	8	REM POWER DENSITY AT 9.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
73	rem_9_5_hz5	Num	8	REM POWER DENSITY AT 9.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
74	rem_10_hz5	Num	8	REM POWER DENSITY AT 10.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
75	rem_10_5_hz5	Num	8	REM POWER DENSITY AT 10.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)

Num	Variable	Type	Len	Label
76	rem_11_hz5	Num	8	REM POWER DENSITY AT 11.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
77	rem_11_5_hz5	Num	8	REM POWER DENSITY AT 11.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
78	rem_12_hz5	Num	8	REM POWER DENSITY AT 12.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
79	rem_12_5_hz5	Num	8	REM POWER DENSITY AT 12.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
80	rem_13_hz5	Num	8	REM POWER DENSITY AT 13.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
81	rem_13_5_hz5	Num	8	REM POWER DENSITY AT 13.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
82	rem_14_hz5	Num	8	REM POWER DENSITY AT 14.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
83	rem_14_5_hz5	Num	8	REM POWER DENSITY AT 14.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
84	rem_15_hz5	Num	8	REM POWER DENSITY AT 15.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
85	rem_15_5_hz5	Num	8	REM POWER DENSITY AT 15.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
86	rem_16_hz5	Num	8	REM POWER DENSITY AT 16.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
87	rem_16_5_hz5	Num	8	REM POWER DENSITY AT 16.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
88	rem_17_hz5	Num	8	REM POWER DENSITY AT 17.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
89	rem_17_5_hz5	Num	8	REM POWER DENSITY AT 17.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
90	rem_18_hz5	Num	8	REM POWER DENSITY AT 18.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
91	rem_18_5_hz5	Num	8	REM POWER DENSITY AT 18.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
92	rem_19_hz5	Num	8	REM POWER DENSITY AT 19.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
93	rem_19_5_hz5	Num	8	REM POWER DENSITY AT 19.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
94	rem_20_hz5	Num	8	REM POWER DENSITY AT 20.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
95	rem_20_5_hz5	Num	8	REM POWER DENSITY AT 20.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
96	rem_21_hz5	Num	8	REM POWER DENSITY AT 21.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
97	rem_21_5_hz5	Num	8	REM POWER DENSITY AT 21.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
98	rem_22_hz5	Num	8	REM POWER DENSITY AT 22.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
99	rem_22_5_hz5	Num	8	REM POWER DENSITY AT 22.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
100	rem_23_hz5	Num	8	REM POWER DENSITY AT 23.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
101	rem_23_5_hz5	Num	8	REM POWER DENSITY AT 23.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
102	rem_24_hz5	Num	8	REM POWER DENSITY AT 24.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)
103	rem_24_5_hz5	Num	8	REM POWER DENSITY AT 24.5 HERTZ (MICROVOLTS SQUARED PER HERTZ)
104	rem_25_hz5	Num	8	REM POWER DENSITY AT 25.0 HERTZ (MICROVOLTS SQUARED PER HERTZ)

Data Set Name: mesaas113hrf5_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	nn_rr_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: RATIO OF CONSECUTIVE NORMAL SINUS BEATS (NN) OVER ALL CARDIAC INTER-BEAT (RR) INTERVALS
3	avnn_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: MEAN OF ALL NORMAL SINUS TO NORMAL SINUS INTERBEAT INTERVALS (NN) (MILLISECONDS)
4	ihr_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: AVERAGE INSTANTANEOUS HEART RATE. FOR A GIVEN NN INTERVAL, IHR=60/NN. (BEATS PER MINUTE)
5	sdnn_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: STANDARD DEVIATION OF ALL NN INTERVALS (MILLISECONDS)
6	rmssd_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: SQUARE ROOT OF THE MEAN OF THE SQUARES OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS (MILLISECONDS)
7	pnn10_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 10 MS; A MEMBER OF THE LARGER PNNX FAMILY
8	pnn20_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 20 MS; A MEMBER OF THE LARGER PNNX FAMILY
9	pnn30_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 30 MS; A MEMBER OF THE LARGER PNNX FAMILY
10	pnn40_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 40 MS; A MEMBER OF THE LARGER PNNX FAMILY
11	pnn50_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 50 MS; A MEMBER OF THE LARGER PNNX FAMILY
12	totpwr_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: TOTAL SPECTRAL POWER OF ALL NN INTERVALS UP TO 0.04 HZ. (MILLISECONDS SQUARED)
13	vlf_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: TOTAL SPECTRAL POWER OF ALL NN INTERVALS BETWEEN 0.003 AND 0.04 HZ, AND BETWEEN 0 AND 0.04 HZ IN ANALYSES OF ENTIRE NIGHT PERIOD AND 5-MINUTE WINDOWS, RESPECTIVELY. (MILLISECONDS SQUARED)
14	lf_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: TOTAL SPECTRAL POWER OF ALL NN INTERVALS BETWEEN 0.04 AND 0.15 HZ. (MILLISECONDS SQUARED)
15	hf_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: TOTAL SPECTRAL POWER OF ALL NN INTERVALS BETWEEN 0.15 AND 0.4 HZ (MILLISECONDS SQUARED)
16	lf_hf_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: RATIO OF LOW TO HIGH FREQUENCY POWER
17	lfn_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: NORMALIZED HF, RATIO HF/(HF+LF)
18	hfn_5m5	Num	8	NON-OVERLAPPING 5-MINUTE WINDOWS AVERAGE: NORMALIZED LF, RATIO LF/(HF+LF)

Data Set Name: mesaas113hrff_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	nn_rr_fn5	Num	8	FULL NIGHT OF SLEEP: RATIO OF CONSECUTIVE NORMAL SINUS BEATS (NN) OVER ALL CARDIAC INTER-BEAT (RR) INTERVALS
3	avnn_fn5	Num	8	FULL NIGHT OF SLEEP: MEAN OF ALL NORMAL SINUS TO NORMAL SINUS INTERBEAT INTERVALS (NN) (MILLISECONDS)
4	ihr_fn5	Num	8	FULL NIGHT OF SLEEP: AVERAGE INSTANTANEOUS HEART RATE. FOR A GIVEN NN INTERVAL, IHR=60/NN. (BEATS PER MINUTE)
5	sdnn_fn5	Num	8	FULL NIGHT OF SLEEP: STANDARD DEVIATION OF ALL NN INTERVALS (MILLISECONDS)
6	sdann_fn5	Num	8	FULL NIGHT OF SLEEP: STANDARD DEVIATION OF THE AVERAGES OF NN INTERVALS IN ALL 5-MINUTE SEGMENTS (MILLISECONDS)
7	sdnnidx_fn5	Num	8	FULL NIGHT OF SLEEP: MEAN OF THE STANDARD DEVIATIONS OF NN INTERVALS IN ALL 5-MINUTE SEGMENTS (MILLISECONDS)
8	rmssd_fn5	Num	8	FULL NIGHT OF SLEEP: SQUARE ROOT OF THE MEAN OF THE SQUARES OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS (MILLISECONDS)
9	pnn10_fn5	Num	8	FULL NIGHT OF SLEEP: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 10 MS; A MEMBER OF THE LARGER PNNX FAMILY
10	pnn20_fn5	Num	8	FULL NIGHT OF SLEEP: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 20 MS; A MEMBER OF THE LARGER PNNX FAMILY
11	pnn30_fn5	Num	8	FULL NIGHT OF SLEEP: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 30 MS; A MEMBER OF THE LARGER PNNX FAMILY
12	pnn40_fn5	Num	8	FULL NIGHT OF SLEEP: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 40 MS; A MEMBER OF THE LARGER PNNX FAMILY
13	pnn50_fn5	Num	8	FULL NIGHT OF SLEEP: PERCENTAGE OF DIFFERENCES BETWEEN ADJACENT NN INTERVALS THAT ARE GREATER THAN 50 MS; A MEMBER OF THE LARGER PNNX FAMILY
14	totpwr_fn5	Num	8	FULL NIGHT OF SLEEP: TOTAL SPECTRAL POWER OF ALL NN INTERVALS UP TO 0.04 HZ. (MILLISECONDS SQUARED)
15	ulf_fn5	Num	8	FULL NIGHT OF SLEEP: TOTAL SPECTRAL POWER OF ALL NN INTERVALS UP TO 0.003 HZ. (MILLISECONDS SQUARED)
16	vlf_fn5	Num	8	FULL NIGHT OF SLEEP: TOTAL SPECTRAL POWER OF ALL NN INTERVALS BETWEEN 0.003 AND 0.04 HZ, AND BETWEEN 0 AND 0.04 HZ IN ANALYSES OF THE ENTIRE NIGHT PERIOD AND 5-MINUTE WINDOWS, RESPECTIVELY. (MILLISECONDS SQUARED)
17	lf_fn5	Num	8	FULL NIGHT OF SLEEP: TOTAL SPECTRAL POWER OF ALL NN INTERVALS BETWEEN 0.04 AND 0.15 HZ. (MILLISECONDS SQUARED)
18	hf_fn5	Num	8	FULL NIGHT OF SLEEP: TOTAL SPECTRAL POWER OF ALL NN INTERVALS BETWEEN 0.15 AND 0.4 HZ (MILLISECONDS SQUARED)
19	lf_hf_fn5	Num	8	FULL NIGHT OF SLEEP: RATIO OF LOW TO HIGH FREQUENCY POWER
20	lfn_fn5	Num	8	FULL NIGHT OF SLEEP: NORMALIZED HF, RATIO HF/(HF+LF)
21	hfn_fn5	Num	8	FULL NIGHT OF SLEEP: NORMALIZED LF, RATIO LF/(HF+LF)

Data Set Name: mesaas113_ps_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	havepsg5	Num	8	MESA SLEEP: HAS PSG DATA (PASSED OVERNIGHT STUDY)
3	haveact5	Num	8	MESA SLEEP: HAS ACTIGRAPHY DATA (5+ VALID NIGHTS)
4	match5	Num	8	MESA SLEEP: PSG/ACTIGRAPHY START DATES MATCH (I.E. NO FAILURES; TESTS WERE CONCURRENT)
5	siteid5	Num	8	PSG QS: SITE ID
6	stdypdy5c	Num	8	PSG QS: DAYS FROM EXAM 5 TO STUDY DATE
7	status_psg5	Num	8	PSG QS: PASS/FAIL STATUS
8	rsnco5	Num	8	PSG QS: REASON FOR STUDY FAILURE
9	scorerid5	Num	8	PSG REPORT: SCORER ID
10	inhomepsgyn5	Num	8	PSG: TEST WAS CONDUCTED IN-HOME 1=YES
11	e1dur5	Num	8	PSG QS: E1 (EOGL) SIGNAL DURATION (HOURS)
12	e2dur5	Num	8	PSG QS: E2 (EOGR) SIGNAL DURATION (HOURS)
13	chindur5	Num	8	PSG QS: CHIN (LCHIN-CCHIN) SIGNAL DURATION (HOURS)
14	fzm1dur5	Num	8	PSG QS: FZ-CZ SIGNAL DURATION (HOURS) EEG
15	c4dur5	Num	8	PSG QS: CZ-OZ SIGNAL DURATION (HOURS) EEG
16	o2m1dur5	Num	8	PSG QS: C4-M1 SIGNAL DURATION (HOURS) EEG
17	ecgdur5	Num	8	PSG QS: ECG SIGNAL DURATION (HOURS)
18	limbdur5	Num	8	PSG QS: LIMB SIGNAL DURATION (HOURS)
19	airdur5	Num	8	PSG QS: AIRFLOW SIGNAL DURATION (HOURS)
20	xflowdur5	Num	8	PSG QS: CANNULA FLOW SIGNAL DURATION (HOURS)
21	chestdur5	Num	8	PSG QS: CHEST SIGNAL DURATION (HOURS)
22	abdodur5	Num	8	PSG QS: ABDO SIGNAL DURATION (HOURS)
23	oximdur5	Num	8	PSG QS: SPO2 SIGNAL DURATION (HOURS)
24	plethdur5	Num	8	PSG QS: PLETH SIGNAL DURATION (HOURS)
25	casndur5	Num	8	PSG QS: CANNULA SNORE SIGNAL DURATION (HOURS)
26	que15	Num	8	PSG QS: E1 SIGNAL QUALITY
27	que25	Num	8	PSG QS: E2 SIGNAL QUALITY
28	quchin5	Num	8	PSG QS: CHIN SIGNAL QUALITY
29	qufzm15	Num	8	PSG QS: FZ-CZ SIGNAL QUALITY - EEG - MISMATCHED VARIABLE NAME AND LABEL. CONFIRMED AS "FZ-CZ" SIGNAL.
30	quc45	Num	8	PSG QS: CZ-OZ SIGNAL QUALITY-EEG MISMATCHED VARIABLE NAME AND LABEL. CONFIRMED AS "CZ-OZ" SIGNAL.
31	quo2m15	Num	8	PSG QS: C4-M1 SIGNAL QUALITY-EEG MISMATCHED VARIABLE NAME AND LABEL. CONFIRMED AS "C4-M1" SIGNAL.
32	quecg5	Num	8	PSG QS: ECG SIGNAL QUALITY
33	qulimb5	Num	8	PSG QS: LIMB SIGNAL QUALITY
34	quair5	Num	8	PSG QS: AIRFLOW SIGNAL QUALITY

Num	Variable	Type	Len	Label
35	quxflow5	Num	8	PSG QS: CANNULA FLOW SIGNAL QUALITY
36	quchest5	Num	8	PSG QS: CHEST SIGNAL QUALITY
37	quabdo5	Num	8	PSG QS: ABDO SIGNAL QUALITY
38	quoxim5	Num	8	PSG QS: SPO2 SIGNAL QUALITY
39	qupleth5	Num	8	PSG QS: PLETH SIGNAL QUALITY
40	qucasn5	Num	8	PSG QS: CANNULA SNORE SIGNAL QUALITY
41	m15	Num	8	PSG QS: SIGNAL QUALITY ISSUES FOUND ON M1 SIGNAL
42	fpz5	Num	8	PSG QS: SIGNAL QUALITY ISSUES FOUND ON FPZ SIGNAL
43	ref5	Num	8	PSG QS: SIGNAL QUALITY ISSUES FOUND ON REFERENCE / GROUND SIGNAL
44	posn5	Num	8	PSG QS: SIGNAL QUALITY ISSUES FOUND ON POSITION SIGNAL
45	overall5	Num	8	PSG QS: OVERALL STUDY QUALITY GRADE
46	slewake5	Num	8	PSG QS: STUDY SCORED SLEEP / WAKE ONLY (ALL SLEEP SCORED AS N2 AND NO AROUSALS SCORED DUE TO POOR QUALITY EEG)
47	ahiov505	Num	8	PSG QS: ABNORMAL REFERRAL - AHI> 50
48	sao2lt855	Num	8	PSG QS: URGENT REFERRAL - O2SAT < 85% FOR >10% TOTAL SLEEP TIME
49	unuhrou5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR/ECG (CATEGORICAL)
50	unuhrou4a5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR: 2ND OR 3RD DEGREE BLOCK
51	unuhrou4b5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR: ACUTE ST SEGMENT
52	unuhrou4c5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR: NSVT 3-BEAT RUN
53	unuhrou4d5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR: HR ABOVE 150 BPM FOR >= 2 MIN
54	unuhrou4e5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR: HR < 30 BPM FOR >= 2 MIN
55	unuhrou4f5	Num	8	PSG QS: URGENT REFERRAL - UNUSUAL HR: OTHER
56	recbeaw5	Num	8	PSG QS: DATA LOST - RECORDING ENDED BEFORE WAKE
57	losbeg5	Num	8	PSG QS: DATA LOST AT BEGINNING OF STUDY
58	losend5	Num	8	PSG QS: DATA LOST AT END OF STUDY
59	losoth5	Num	8	PSG QS: DATA LOST DURING STUDY
60	wakslepr5	Num	8	PSG QS: SCORING STAGE WAKE/SLEEP UNRELIABLE
61	stg1stg2pr5	Num	8	PSG QS: SCORING STAGE1/STAGE2 UNRELIABLE
62	stg2stg3pr5	Num	8	PSG QS: SCORING STAGE2/DEEP SLEEP UNRELIABLE
63	remnrempr5	Num	8	PSG QS: SCORING REM/NREM UNRELIABLE
64	arunrel5	Num	8	PSG QS: SCORING AROUSALS UNRELIABLE
65	remarunrel5	Num	8	PSG QS: SCORING AROUSALS IN REM (ONLY) UNRELIABLE
66	respevpr5	Num	8	PSG QS: SCORING RESPIRATORY EVENTS (RDI) UNRELIABLE
67	apnhyppr5	Num	8	PSG QS: SCORING APNEA/HYPOPNEA UNRELIABLE
68	abnoreeg5	Num	8	PSG QS: ABNORMAL AWAKE EEG
69	alpdel5	Num	8	PSG QS: PHYSIOLOGIC ALPHA INTRUSION
70	period5	Num	8	PSG QS: PERIODIC BREATHING >=10 MIN
71	lagbreath5	Num	8	PSG QS: PERIODIC LARGE BREATHS
72	npflow5	Num	8	PSG QS: FLOW LIMITATION

Num	Variable	Type	Len	Label
73	plmwake5	Num	8	PSG QS: LEG MOVEMENTS IN WAKE
74	unustgou5	Num	8	PSG QS: UNUSUAL STAGING
75	arsl3ou5	Num	8	PSG QS: AROUSAL INDEX < 3 VERIFIED
76	maxresou5	Num	8	PSG QS: LONG RESPIRATORY EVENTS VERIFIED
77	plmou5	Num	8	PSG QS: PLM > 100 VERIFIED
78	scorid5	Num	8	PSG QS: SCORER ID
79	lighoff5	Char	24	PSG QS: PARTICIPANT REPORTED TIME TO BED
80	stloutp5	Char	24	LIGHTS OUT TIME (HH:MM:SS)
81	stonsetp5	Char	24	SLEEP ONSET TIME (HH:MM:SS)
82	remlaiip5	Num	8	REM LATENCY II - EXCLUDING WAKE (MINUTES)
83	slpprdp5	Num	8	TOTAL SLEEP TIME (MINUTES)
84	ststartp5	Char	24	STUDY START TIME (HH:MM:SS)
85	stendp5	Char	24	STUDY END TIME (HH:MM:SS)
86	stdurm5	Num	8	STUDY LENGTH (EPOCH 1 TO LAST EPOCH- MINUTES)
87	stlonp5	Char	24	LIGHTS ON SET BY SCORER (HH:MM:SS) (NOT SCRIPT VARIABLE)
88	stonset15	Char	24	SLEEP ONSET (START OF SLEEP- HH:MM:SS) - SCORER
89	timebedm5	Num	8	TIME IN BED (MINUTES .5)
90	time_bed5	Num	8	CALCULATED - TIME IN BED (MINUTES)
91	slp_eff5	Num	8	CALCULATED - SLEEP EFFICIENCY %
92	rem_lat15	Num	8	CALCULATED - REM LATENCY I IN MINUTES SLP ONSET TO FIRST REM
93	slp_maint_eff5	Num	8	PSG: SLEEP MAINTENANCE EFFICIENCY
94	arrembp5	Num	8	# OF AROUSALS (REM, BACK, ALL DESATS)
95	arremop5	Num	8	# OF AROUSALS (REM, OTHER, ALL DESATS)
96	arnrembp5	Num	8	# OF AROUSALS (NREM, BACK, ALL DESATS)
97	arnremop5	Num	8	# OF AROUSALS (NREM, OTHER, ALL DESATS)
98	ahrembp5	Num	8	AROUSALS PER HOUR (REM, BACK, ALL DESATS)
99	ahremop5	Num	8	AROUSALS PER HOUR (REM, OTHER, ALL DESATS)
100	ahnrembp5	Num	8	AROUSALS PER HOUR (NREM, BACK, ALL DESATS)
101	ahnremop5	Num	8	AROUSALS PER HOUR (NREM, OTHER, ALL DESATS)
102	ai_all5	Num	8	CALCULATED - OVERALL AROUSAL INDEX
103	ai_rem5	Num	8	CALCULATED - AROUSAL INDEX REM SLEEP
104	ai_nrem5	Num	8	CALCULATED - AROUSAL INDEX NON-REM
105	waso5	Num	8	CALCULATED - WAKE AFTER SLEEP ONSET (MINUTES)
106	timest1p5	Num	8	CALCULATED - PCT TIME STAGE 1
107	timest15	Num	8	CALCULATED - TIME STAGE 1 MINUTES
108	timest2p5	Num	8	CALCULATED - PCT TIME STAGE 2
109	timest25	Num	8	CALCULATED - TIME STAGE 2 MINUTES
110	times34p5	Num	8	CALCULATED - PCT TIME STAGE 3-4
111	timest345	Num	8	CALCULATED - TIME STAGE 3-4 MINUTES

Num	Variable	Type	Len	Label
112	timeremp5	Num	8	CALCULATED - PCT TIME REM
113	timerem5	Num	8	CALCULATED - TIME REM MINUTES
114	svpulse5	Num	8	PSG QS: MANUAL PULSE AT TIME OF HOOKUP FROM SV FORM
115	bpmavg5	Num	8	AVERAGE HEART RATE (BPM) DURING SLEEP
116	bpmmin5	Num	8	LOWEST HEART RATE (BPM) DURING SLEEP
117	bpmmax5	Num	8	HIGHEST HEART RATE (BPM) DURING SLEEP
118	apnea35	Num	8	# OF APNEA EVENTS WITH >= 3% DESAT
119	ahiu35	Num	8	RDI - APNEA/AASM RECOMMENDED HYPOPNEA/AASM ALTERNATIVE HYPOPNEAS WITH >= 3% DESAT AS USED ON SHORT REPORT SENT TO SITES
120	rdirbp5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR (REM, BACK, ALL DESATS)
121	rdirop5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR (REM, OTHER, ALL DESATS)
122	rdinbp5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR (NREM, BACK, ALL DESATS)
123	rdinop5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR (NREM, OTHER, ALL DESATS)
124	cardrbp5	Num	8	CENT. APNEA PER HOUR (REM, BACK, ALL DESATS)
125	cardrop5	Num	8	CENT. APNEA PER HOUR (REM, OTHER, ALL DESATS)
126	cardnbp5	Num	8	CENT. APNEA PER HOUR (NREM, BACK, ALL DESATS)
127	cardnop5	Num	8	CENT. APNEA PER HOUR (NREM, OTHER, ALL DESATS)
128	oardrbp5	Num	8	OBS. APNEA PER HOUR (REM, BACK, ALL DESATS)
129	oarop5	Num	8	# OF OBS. APNEA (REM, OTHER, ALL DESATS)
130	oardnbp5	Num	8	OBS. APNEA PER HOUR (NREM, BACK, ALL DESATS)
131	oardnop5	Num	8	OBS. APNEA PER HOUR (NREM, OTHER, ALL DESATS)
132	mxdrbp5	Num	8	MAX. DESAT (REM, BACK, ALL DESATS)
133	mxdrop5	Num	8	MAX. DESAT (REM, OTHER, ALL DESATS)
134	mxdnbp5	Num	8	MAX. DESAT (NREM, BACK, ALL DESATS)
135	mxdnop5	Num	8	MAX. DESAT (NREM, OTHER, ALL DESATS)
136	avdrbp5	Num	8	AVG. DESAT (REM, BACK, ALL DESATS)
137	avdrop5	Num	8	AVG. DESAT (REM, OTHER, ALL DESATS)
138	avdnbp5	Num	8	AVG. DESAT (NREM, BACK, ALL DESATS)
139	avdnop5	Num	8	AVG. DESAT (NREM, OTHER, ALL DESATS)
140	rdirba5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (REM, BACK, ALL DESATS)
141	rdiroa5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (REM, OTHER, ALL DESATS)
142	rdinba5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (NREM, BACK, ALL DESATS)
143	rdinoa5	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (NREM, OTHER, ALL DESATS)
144	cardrba5	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (REM, BACK, ALL DESATS)
145	cardroa5	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (REM, OTHER, ALL DESATS)
146	cardnba5	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (NREM, BACK, ALL DESATS)

Num	Variable	Type	Len	Label
147	cardnoa5	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (NREM, OTHER, ALL DESATS)
148	oardrba5	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (REM, BACK, ALL DESATS)
149	oardroa5	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (REM, OTHER, ALL DESATS)
150	oardnba5	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (NREM, BACK, ALL DESATS)
151	oardnoa5	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (NREM, OTHER, ALL DESATS)
152	rdirba35	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (REM, BACK, 3% DESAT)
153	rdiroa35	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (REM, OTHER, 3% DESAT)
154	rdinba35	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (NREM, BACK, 3% DESAT)
155	rdinoa35	Num	8	AASM RECOMMENDED HYPOPNEA PER HOUR W/ AROUSALS (NREM, OTHER, 3% DESAT)
156	cardrba35	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (REM, BACK, 3% DESAT)
157	cardroa35	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (REM, OTHER, 3% DESAT)
158	cardnba35	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (NREM, BACK, 3% DESAT)
159	cardnoa35	Num	8	CENT. APNEA PER HOUR W/ AROUSALS (NREM, OTHER, 3% DESAT)
160	oardrba35	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (REM, BACK, 3% DESAT)
161	oardroa35	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (REM, OTHER, 3% DESAT)
162	oardnba35	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (NREM, BACK, 3% DESAT)
163	oardnoa35	Num	8	OBS. APNEA PER HOUR W/ AROUSALS (NREM, OTHER, 3% DESAT)
164	pctsthyp5	Num	8	% SLEEP TIME IN AASM RECOMMENDED HYPOPNEA
165	pcstahar5	Num	8	% SLEEP TIME IN APNEA+AASM RECOMMENDED HYPOPNEA WITH AROUSAL
166	pcstah3d5	Num	8	% SLEEP TIME IN APNEA+AASM RECOMMENDED HYPOPNEA WITH >3% DESAT
167	pcstahda5	Num	8	% SLEEP TIME IN APNEA+AASM RECOMMENDED HYPOPNEA WITH > 3% DESAT OR AROUSAL
168	longap5	Num	8	LONGEST APNEA (SECONDS)
169	longhyp5	Num	8	LONGEST AASM RECOMMENDED HYPOPNEA (SECONDS)
170	cavgdur5	Num	8	AVG. CENT. APNEA LENGTH (SECONDS)
171	oavgdur5	Num	8	AVG. OBS. APNEA LENGTH (SECONDS)
172	apavgdur5	Num	8	AVG. APNEA LENGTH (SECONDS)
173	havgdur5	Num	8	AVG. AASM RECOMMENDED HYPOPNEA LENGTH (SECONDS)
174	hurbp5	Num	8	# AASM ALTERNATIVE HYPOPNEA PER HOUR (REM, BACK, ALL DESATS)
175	hurop5	Num	8	# AASM ALTERNATIVE HYPOPNEA PER HOUR (REM, OTHER, ALL DESATS)
176	hunrbp5	Num	8	# AASM ALTERNATIVE HYPOPNEA PER HOUR (NREM, BACK, ALL DESATS)
177	hunrop5	Num	8	# AASM ALTERNATIVE HYPOPNEA PER HOUR (NREM, OTHER, ALL DESATS)
178	hurbpa5	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (REM, BACK, ALL DESATS)
179	huropa5	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (REM, OTHER, ALL DESATS)
180	hunrbpa5	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (NREM, BACK, ALL DESATS)

Num	Variable	Type	Len	Label
181	hunropa5	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (NREM, OTHER, ALL DESATS)
182	hurbp25	Num	8	# AASM ALTERNATIVE HYPOPNEA PER HOUR (REM, BACK, 2% DESAT)
183	hurbpa35	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (REM, BACK, 3% DESAT)
184	huropa35	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (REM, OTHER, 3% DESAT)
185	hunrbpa35	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (NREM, BACK, 3% DESAT)
186	hunropa35	Num	8	# AASM ALTERNATIVE HYPOPNEA WITH AROUSAL PER HOUR (NREM, OTHER, 3% DESAT)
187	rdi3p5	Num	8	CALCULATED - OVERALL RDI AT 3% DESAT
188	rdi4p5	Num	8	CALCULATED - OVERALL RDI AT 4% DESAT
189	rdi3pa5	Num	8	CALCULATED - OVERALL RDI AT 3% DESAT OR AROUSAL
190	rdi4pa5	Num	8	CALCULATED - OVERALL RDI AT 4% DESAT OR AROUSAL
191	oahi35	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); AASM RECOMMENDED AND ALTERNATIVE HYPOPNEA (3% DESAT) INDEX
192	oai0p5	Num	8	CALCULATED - OBSTRUCTIVE APNEA INDEX ALL DESATS
193	cai0p5	Num	8	CALCULATED - CENTRAL APNEA INDEX ALL DESATS
194	longhypb5	Num	8	PSG: FILTERED - LONGEST HYPOPNEA (SECONDS)
195	pcoslp5	Num	8	PSG: FILTERED - % SLEEP TIME IN APNEA [CA+OA]
196	phbslp5	Num	8	PSG: FILTERED - % SLEEP TIME IN HYPOPNEA
197	pcohbwaslp5	Num	8	PSG: FILTERED - % SLEEP TIME IN APNEA [CA+OA]+HYPOPNEA WITH AROUSAL
198	pcohb3slp5	Num	8	PSG: FILTERED - % SLEEP TIME IN APNEA [CA+OA]+HYPOPNEA WITH >3% DESAT
199	pcohb3waslp5	Num	8	PSG: FILTERED - % SLEEP TIME IN APNEA [CA+OA]+HYPOPNEA WITH > 3% DESAT OR AROUSAL
200	hbavgdur5	Num	8	PSG: FILTERED - AVG. HYPOPNEA LENGTH (SECONDS)
201	svspo25	Num	8	PSG QS: SPO2 FROM SIGNAL VERIFICATION FORM - READING AT TIME OF HOOKUP
202	mndrbp5	Num	8	MIN. SAO2 (REM, BACK, ALL DESATS) (%)
203	mndrop5	Num	8	MIN. SAO2 (REM, OTHER, ALL DESATS) (%)
204	mndnbp5	Num	8	MIN. SAO2 (NREM, BACK, ALL DESATS) (%)
205	mndnop5	Num	8	MIN. SAO2 (NREM, OTHER, ALL DESATS) (%)
206	ndes2ph5	Num	8	# OF DESAT WITH >= 2% DESAT (DURING TOTAL RECORDING)
207	ndes3ph5	Num	8	# OF DESAT WITH >= 3% DESAT (DURING TOTAL RECORDING)
208	ndes4ph5	Num	8	# OF DESAT WITH >= 4% DESAT (DURING TOTAL RECORDING)
209	ndes5ph5	Num	8	# OF DESAT WITH >= 5% DESAT (DURING TOTAL RECORDING)
210	pctsa95h5	Num	8	% SLEEP TIME SAO2 IS < 95%
211	pctsa90h5	Num	8	% SLEEP TIME SAO2 IS < 90%
212	pctsa85h5	Num	8	% SLEEP TIME SAO2 IS < 85%
213	pctsa80h5	Num	8	% SLEEP TIME SAO2 IS < 80%
214	avsao2rh5	Num	8	AVG. SAO2 % DURING REM SLEEP

Num	Variable	Type	Len	Label
215	avsao2nh5	Num	8	AVG. SAO2 % DURING NREM SLEEP
216	mnsao2rh5	Num	8	MIN. SAO2 % DURING REM SLEEP
217	mnsao2nh5	Num	8	MIN. SAO2 % DURING NREM SLEEP
218	mxsao2rh5	Num	8	MAX. SAO2 % DURING REM SLEEP
219	mxsao2nh5	Num	8	MAX. SAO2 % DURING NREM SLEEP
220	dsrem25	Num	8	# OF DESATS PER HOUR (REM, >= 2%)
221	dsrem35	Num	8	# OF DESATS PER HOUR (REM, >= 3%)
222	dsrem45	Num	8	# OF DESATS PER HOUR (REM, >= 4%)
223	dsrem55	Num	8	# OF DESATS PER HOUR (REM, >= 5%)
224	dsnr25	Num	8	# OF DESATS PER HOUR (NREM, >= 2%)
225	dsnr35	Num	8	# OF DESATS PER HOUR (NREM, >= 3%)
226	dsnr45	Num	8	# OF DESATS PER HOUR (NREM, >= 4%)
227	dsnr55	Num	8	# OF DESATS PER HOUR (NREM, >= 5%)
228	dssao905	Num	8	# OF DESATS WITH SAO2 DROPS BELOW 90% IN SLEEP
229	pctlt905	Num	8	CALCULATED - PCT TIME < 90% DESAT
230	pctlt855	Num	8	CALCULATED - PCT TIME < 85% DESAT
231	pctlt805	Num	8	CALCULATED - PCT TIME < 80% DESAT
232	pctlt755	Num	8	CALCULATED - PCT TIME < 75% DESAT
233	sao2rem5	Num	8	CALCULATED - AVG SAO2 REM
234	sao2nrem5	Num	8	CALCULATED - AVG SAO2 NREM
235	losao2r5	Num	8	CALCULATED - MIN SAO2 REM
236	losao2nr5	Num	8	CALCULATED - MIN SAO2 NREM
237	avgsat5	Num	8	CALCULATED - AVG SAO2 IN SLEEP
238	minsat5	Num	8	PSG REPORT: CALCULATED - MIN SAO2 IN SLEEP
239	odi35	Num	8	PSG: FILTERED - OXYGEN DESATURATION INDEX AT 3% (DURING SLEEP TIME)
240	odi45	Num	8	PSG: FILTERED - OXYGEN DESATURATION INDEX AT 4% (DURING SLEEP TIME)
241	supinep5	Num	8	CALCULATED - PCT TIME SUPINE
242	nsupinep5	Num	8	CALCULATED - PCT TIME NON-SUPINE
243	avgplm5	Num	8	# OF PLM PER HOUR OF SLEEP
244	avgnplm5	Num	8	# OF PLM PER HOUR OF NREM SLEEP
245	avgrplm5	Num	8	# OF PLM PER HOUR OF REM SLEEP
246	noplm5	Num	8	# OF PLM DURING SLEEP
247	plmaslp5	Num	8	# PLMS WITH AROUSAL (SLEEP)
248	rdi0p5	Num	8	CALCULATED - OVERALL RDI AT 0% DESAT
249	rdi2p5	Num	8	CALCULATED - OVERALL RDI AT 2% DESAT
250	rdi5p5	Num	8	CALCULATED - OVERALL RDI AT 5% DESAT
251	rdi0pa5	Num	8	CALCULATED - OVERALL RDI AT 0% DESAT OR AROUSAL
252	rdi2pa5	Num	8	CALCULATED - OVERALL RDI AT 2% DESAT OR AROUSAL
253	rdi5pa5	Num	8	CALCULATED - OVERALL RDI AT 5% DESAT OR AROUSAL

Num	Variable	Type	Len	Label
254	rdi0ps5	Num	8	CALCULATED - OVERALL SUPINE RDI AT 0% DESAT
255	rdi2ps5	Num	8	CALCULATED - OVERALL SUPINE RDI AT 2% DESAT
256	rdi3ps5	Num	8	CALCULATED - OVERALL SUPINE RDI AT 3% DESAT
257	rdi4ps5	Num	8	CALCULATED - OVERALL SUPINE RDI AT 4% DESAT
258	rdi5ps5	Num	8	CALCULATED - OVERALL SUPINE RDI AT 5% DESAT
259	rdi0pns5	Num	8	CALCULATED - OVERALL NON-SUPINE RDI AT 0% DESAT
260	rdi2pns5	Num	8	CALCULATED - OVERALL NON-SUPINE RDI AT 2% DESAT
261	rdi3pns5	Num	8	CALCULATED - OVERALL NON-SUPINE RDI AT 3% DESAT
262	rdi4pns5	Num	8	CALCULATED - OVERALL NON-SUPINE RDI AT 4% DESAT
263	rdi5pns5	Num	8	CALCULATED - OVERALL NON-SUPINE RDI AT 5% DESAT
264	rdirem0p5	Num	8	CALCULATED - OVERALL REM RDI AT 0% DESAT
265	rdirem2p5	Num	8	CALCULATED - OVERALL REM RDI AT 2% DESAT
266	rdirem3p5	Num	8	CALCULATED - OVERALL REM RDI AT 3% DESAT
267	rdirem4p5	Num	8	CALCULATED - OVERALL REM RDI AT 4% DESAT
268	rdirem5p5	Num	8	CALCULATED - OVERALL REM RDI AT 5% DESAT
269	rdinr0p5	Num	8	CALCULATED - OVERALL NON-REM RDI AT 0% DESAT
270	rdinr2p5	Num	8	CALCULATED - OVERALL NON-REM RDI AT 2% DESAT
271	rdinr3p5	Num	8	CALCULATED - OVERALL NON-REM RDI AT 3% DESAT
272	rdinr4p5	Num	8	CALCULATED - OVERALL NON-REM RDI AT 4% DESAT
273	rdinr5p5	Num	8	CALCULATED - OVERALL NON-REM RDI AT 5% DESAT
274	oahi45	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS), AASM RECOMMENDED AND ALTERNATIVE HYPOPNEA (4% DESAT) INDEX
275	oai4p5	Num	8	CALCULATED - OBSTRUCTIVE APNEA INDEX 4% DESATS
276	cai4p5	Num	8	CALCULATED - CENTRAL APNEA INDEX 4% DESATS
277	cai4pa5	Num	8	CALCULATED - CENTRAL APNEA INDEX 4% OR AROUSAL
278	a0h3ai5	Num	8	ALL APNEAS + HYPOPNEAS WITH >=3% DESAT OR AROUSAL – INDEX (AHI)
279	pctle925	Num	8	CALCULATED - PCT TIME SLEEP <= 92% DESAT
280	oahi3pa5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS) AASM RECOMMENDED AND ALTERNATIVE HYPOPNEA (3% DESAT OR AROUSAL) INDEX
281	oahi4pa5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS) AASM RECOMMENDED AND ALTERNATIVE HYPOPNEA (4% DESAT OR AROUSAL) INDEX
282	avgplma5	Num	8	NUMBER OF PLM W/ AROUSALS PER HOUR OF SLEEP
283	ahi4pa5	Num	8	(PREVIOUSLY AASM2013AHI5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT OR AROUSAL)
284	ahi4p5	Num	8	(PREVIOUSLY MEDICAREAHI5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT)
285	oahi3_rem5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (3% DESAT) INDEX IN REM
286	oahi3_nrem5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (3% DESAT) INDEX IN NREM

Num	Variable	Type	Len	Label
287	oahi3_sup5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (3% DESAT) INDEX SUPINE
288	oahi3_nsup5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (3% DESAT) INDEX NON SUPINE
289	oahi3pa_rem5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 3% INDEX (OR AROUSAL) IN REM: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=3% DESAT OR AROUSAL
290	oahi3pa_nrem5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 3% INDEX (OR AROUSAL) IN NREM: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=3% DESAT OR AROUSAL
291	oahi3pa_sup5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 3% INDEX (OR AROUSAL) IN SUPINE POSITION: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=3% DESAT OR AROUSAL
292	oahi3pa_nsup5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 3% INDEX (OR AROUSAL) IN NON-SUPINE POSITION: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=3% DESAT OR AROUSAL
293	oahi4_rem5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (4% DESAT) INDEX IN REM
294	oahi4_nrem5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30 % AND 50% HYPOPNEA (4% DESAT) INDEX IN NREM
295	oahi4_sup5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (4% DESAT) INDEX SUPINE
296	oahi4_nsup5	Num	8	CALCULATED - OBSTRUCTIVE APNEA (ALL DESATS); 30% AND 50% HYPOPNEA (4% DESAT) INDEX NON SUPINE
297	oahi4pa_rem5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 4% INDEX (OR AROUSAL) IN REM: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=4% DESAT OR AROUSAL
298	oahi4pa_nrem5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 4% INDEX (OR AROUSAL) IN NREM: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=4% DESAT OR AROUSAL
299	oahi4pa_sup5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 4% INDEX (OR AROUSAL) IN SUPINE POSITION: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=4% DESAT OR AROUSAL
300	oahi4pa_nsup5	Num	8	OBSTRUCTIVE APNEA/HYPOPNEA 4% INDEX (OR AROUSAL) IN NON-SUPINE POSITION: ALL OBSTRUCTIVE APNEAS AND HYPOPNEAS WITH A >=4% DESAT OR AROUSAL
301	ahi4pa_rem5	Num	8	(PREVIOUSLY AASM2013AHI_REM5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT OR AROUSAL) INDEX IN REM
302	ahi4pa_nrem5	Num	8	(PREVIOUSLY AASM2013AHI_NREM5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT OR AROUSAL) INDEX IN NREM
303	ahi4pa_sup5	Num	8	(PREVIOUSLY AASM2013AHI_SUP5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT OR AROUSAL) INDEX SUPINE
304	ahi4pa_nsup5	Num	8	(PREVIOUSLY AASM2013_NSUP5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT OR AROUSAL) INDEX NON SUPINE
305	ahi4p_rem5	Num	8	(PREVIOUSLY MEDICAREAHI_REM5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT) INDEX IN REM
306	ahi4p_nrem5	Num	8	(PREVIOUSLY MEDICAREAHI_NREM5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT) INDEX IN NREM
307	ahi4p_sup5	Num	8	(PREVIOUSLY MEDICAREAHI_SUP5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT) INDEX SUPINE
308	ahi4p_nsup5	Num	8	(PREVIOUSLY MEDICAREAHI_NSUP5) AHI: OBSTRUCTIVE AND CENTRAL APNEAS (ALL DESATS); 30% AND 50% HYPOPNEAS (4% DESAT) INDEX NON SUPINE
309	cai0p_rem5	Num	8	CENTRAL APNEA INDEX IN REM: ALL CENTRAL APNEAS
310	cai0p_nrem5	Num	8	CENTRAL APNEA INDEX IN NREM: ALL CENTRAL APNEAS

Num	Variable	Type	Len	Label
311	cai0p_sup5	Num	8	CENTRAL APNEA INDEX IN SUPINE POSITION: ALL CENTRAL APNEAS
312	cai0p_nsup5	Num	8	CENTRAL APNEA INDEX IN NON-SUPINE POSITION: ALL CENTRAL APNEAS
313	slp_lat5	Num	8	SLEEP ONSET LATENCY (MINUTES): TIME BETWEEN GETTING IN BED AND FALLING ASLEEP
314	sleepage5c	Num	8	PARTICIPANT AGE AT EXAM 5 SLEEP STUDY (YEARS)

Data Set Name: mesaas118cortisol_drep_20220110.sas7bdat

Num	Variable	Type	Len	Format	Label
1	MESAID	Num	8		MESA PARTICIPANT ID
2	day5	Num	8		DAY OF DATA COLLECTION
3	reading5	Num	8		CORTISOL READING (WHEN SAMPLE TAKEN)
4	snum5	Num	8		SAMPLE NUMBER (PER DAY)
5	cortisol5	Num	8		CORTISOL NMOL/L
6	time5	Num	8	TIME8.	TIME OF CORTISOL COLLECTION
7	time_sincewkup5c	Num	8		TIME SINCE WAKEUP (CORRECTED)
8	time_sincewuhrs5c	Num	8		TIME SINCE WAKEUP IN HOURS (CORRECTED)
9	wkup5_corrected	Num	8	TIME8.	CORRECTED WAKEUP TIME--FIRST SAMPLE TIME (IF MISSING, THEN SELF-REPORTED WAKEUP TIME)
10	cortnote5	Num	8		NOTES FROM GERMANY ON CORTISOL FINDINGS
11	usesteroids5	Num	8		USE OF STEROIDS (INHALED OR ORAL)
12	hrt5	Num	8		USE OF HORMONE REPLACEMENT THERAPY (ESTROGEN, PROGESTERONE, OR PREMARIN)

Data Set Name: mesaas195_drepos_20190816.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	ap_14_0_1	Num	8	Area % 14:0 Saturated Tetradecanoic Myristic Acid
3	ap_15_0_1	Num	8	Area % 15:0 Saturated Pentadecanoic Pentadecanoic Acid
4	ap_16_0_1	Num	8	Area % 16:0 Saturated Hexadecanoic Palmitic Acid
5	ap_16_1n7t_1	Num	8	Area % 16:1n7t Unsaturated Mono Hexadecenoic Trans-Palmitoleic Acid
6	ap_16_1n7t_na1	Num	8	NA: Area % 16:1n7t Unsaturated Mono Hexadecenoic Trans-Palmitoleic Acid
7	ap_16_1n7c_1	Num	8	Area % 16:1n7c Unsaturated Mono Hexadecenoic Cis-Palmitoleic Acid
8	ap_17_0_1	Num	8	Area % 17:0 Saturated Heptadecanoic Margaric Acid
9	ap_17_0_na1	Num	8	NA: Area % 17:0 Saturated Heptadecanoic Margaric Acid
10	ap_18_0_1	Num	8	Area % 18:0 Saturated Octadecenoic Stearic Acid
11	ap_18_1n7_9t_1	Num	8	Area % 18:1n7-9t Unsaturated Mono Octadecenoic Oleic Acid
12	ap_18_1n6t_1	Num	8	Area % 18:1n6t Unsaturated Mono Octadecenoic Oleic Acid
13	ap_18_1n6t_na1	Num	8	NA: Area % 18:1n6t Unsaturated Mono Octadecenoic Oleic Acid
14	ap_18_1n9c_1	Num	8	Area % 18:1n9c Unsaturated Mono Octadecenoic Oleic Acid
15	ap_18_1n7c_1	Num	8	Area % 18:1n7c Unsaturated Mono Octadecenoic Oleic Acid
16	ap_18_1n6c_1	Num	8	Area % 18:1n6c Unsaturated Mono Octadecenoic Oleic Acid
17	ap_18_2n6_tt_1	Num	8	Area % 18:2n6 t/t Unsaturated Poly Octadecadienoic Linoleic Acid
18	ap_18_2n6_ct_1	Num	8	Area % 18:2n6 c/t Unsaturated Poly Octadecadienoic Linoleic Acid
19	ap_18_2n6_tc_1	Num	8	Area % 18:2n6 t/c Unsaturated Poly Octadecadienoic Linoleic Acid
20	ap_18_2n6_cc_1	Num	8	Area % 18:2n6 c/c Unsaturated Poly Octadecadienoic Linoleic Acid
21	ap_18_3n6_1	Num	8	Area % 18:3n6 Unsaturated Poly Octadecatrienoic Gama-Linolenic Acid
22	ap_18_3n3_1	Num	8	Area % 18:3n3 Unsaturated Poly Octadecatrienoic Alpha-Linoleinic Acid
23	ap_20_0_1	Num	8	Area % 20:0 Saturated Eicosanoic Arachidic Acid
24	ap_18_4n3_1	Num	8	Area % 18:4n3 Unsaturated Poly
25	ap_18_4n3_na1	Num	8	NA: Area % 18:4n3 Unsaturated Poly
26	ap_20_1n9_1	Num	8	Area % 20:1n9 Unsaturated Mono Eicosenoic Eicosenoic Acid
27	ap_20_2n6_1	Num	8	Area % 20:2n6 Unsaturated Poly Eicosadienoic Docosadienoic Acid
28	ap_20_3n6_1	Num	8	Area % 20:3n6 Unsaturated Poly Eicosatrienoic Dihomo-Gamma-Linolenic Acid
29	ap_20_4n6_1	Num	8	Area % 20:4n6 Unsaturated Poly Eicosatetraenoic Arachidonic Acid
30	ap_22_0_1	Num	8	Area % 22:0 Saturated Docosanoic Behenic Acid
31	ap_20_5n3_1	Num	8	Area % 20:5n3 Unsaturated Poly Eicosapentaenoic Timnodonic Acid
32	ap_22_4n6_1	Num	8	Area % 22:4n6 Unsaturated Poly Docosatetraenoic Adrenic Acid
33	ap_22_4n6_na1	Num	8	NA: Area % 22:4n6 Unsaturated Poly Docosatetraenoic Adrenic Acid
34	ap_24_0_1	Num	8	Area % 24:0 Saturated Tetracosanoic Lignoceric Acid
35	ap_24_0_na1	Num	8	NA: Area % 24:0 Saturated Tetracosanoic Lignoceric Acid
36	ap_22_5n6_1	Num	8	Area % 22:5n6 Unsaturated Poly

Num	Variable	Type	Len	Label
37	ap_22_5n6_na1	Num	8	NA: Area % 22:5n6 Unsaturated Poly
38	ap_24_1n9_1	Num	8	Area % 24:1n9 Unsaturated Mono Tetracosenoic Nervonic Acid
39	ap_22_5n3_1	Num	8	Area % 22:5n3 Unsaturated Poly Docosapentaenoic Docosapentaenoic
40	ap_22_6n3_1	Num	8	Area % 22:6n3 Unsaturated Poly Docosahexaenoic Docosahexaenoic

Data Set Name: mesaas200_drepos_20190816.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	tffa1	Num	8	Total Free Fatty Acid (mmol/L)

Data Set Name: mesaas205_drepos_20190301.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	set1	Num	8	CURVES WITH DISTINCT MINIMUM AND MAXIMUM
3	tbar1	Num	8	TOTAL BRACHIAL REACTIVITY AS A PERCENT (%) VALUE

Data Set Name: mesaas244_drepos_20161011.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	probnpb1	Num	8	Exam 1: NT-proBNP (pg/mL)
3	probnpbqns1	Num	8	Exam 1: Sample quantity not sufficient for NTproBNP
4	probnpblob1	Num	8	Exam 1: NT-proBNP below LOB (5 pg/mL)
5	hstntb1	Num	8	Exam 1: hs-cTnT base (pg/mL)
6	hstntbqns1	Num	8	Exam 1: Sample quantity not sufficient for hs-cTnT
7	hstntbblob1	Num	8	Exam 1: hs-cTnT below LOB (3 ng/L)
8	probnpb3	Num	8	Exam 3: NT-proBNP (pg/mL)
9	probnpblob3	Num	8	Exam 3: NT-proBNP below LOB (5 pg/mL)
10	hstntb3	Num	8	Exam 3: hs-cTnT (pg/mL)
11	hstntblob3	Num	8	Exam 3: hs-cTnT below LOB (3 ng/L)

Data Set Name: mesaas324_drepos_20210910.sas7bdat

Num	Variable	Type	Len	Label
1	MESAID	Num	8	MESA Participant Identification Number
2	lpa1	Num	8	LIPOPROTEIN(A) (mg/dL)
3	lpa_lt101	Num	8	LIPOPROTEIN(A) : VALUE < 10
4	lpa_gt1981	Num	8	LIPOPROTEIN(A) : VALUE > 198
5	lpa1m	Num	8	LIPOPROTEIN(A) : NO SAMPLE AVAILABLE TO SHIP
6	rlpa1	Num	8	LIPOPROTEIN(A): RAW VALUE (mg/dL)
7	lpaatt1	Num	8	TIME FROM BASELINE EXAM TO LP(A) ASSAY DATE (DAYS)