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)

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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

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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)