

## **Health ABC Healthy Brain Study**

### **SWA Data Documentation**

Sensewear armband data was collected at the third and fourth year follow-up visits of the HABC Healthy Brain study. Participants who presented for in-person clinic visits were approached. If subjects were wheelchair bound or were unable to comprehend the instructions, they were not asked to complete the physical activity assessment through the Sensewear armband.

A total of 130 participants wore the Sensewear armband between May 2011 and July 2012. 120 participants wore the armband for at least three days. Three participants wore the arm band two separate times, once during the third follow-up year and once during the fourth follow-up year.

***The CONTENTS Procedure***

<b>Data Set Name</b>	HBP.HBP_SWA	<b>Observations</b>	317
<b>Member Type</b>	DATA	<b>Variables</b>	32
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	Friday, April 05, 2013 09:20:55 AM	<b>Observation Length</b>	248
<b>Last Modified</b>	Friday, April 05, 2013 09:20:55 AM	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>		<b>Sorted</b>	NO
<b>Label</b>			
<b>Data Representation</b>	WINDOWS_32		
<b>Encoding</b>	wlatin1 Western (Windows)		

<b>Engine/Host Dependent Information</b>	
<b>Data Set Page Size</b>	16384
<b>Number of Data Set Pages</b>	6
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	65
<b>Obs in First Data Page</b>	43
<b>Number of Data Set Repairs</b>	0
<b>Filename</b>	V:\Data Analysis File\Programs\Substudy Programs\HealthyBrain\HB201304Final\hbp_swa.sas7bdat
<b>Release Created</b>	9.0202M0
<b>Host Created</b>	XP_PRO

**The CONTENTS Procedure**

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
1	HABCID	Num	4	11.	11.	HABC ENROLLMENT ID
2	COHORT	Char	1			Cohort A = Year 10 Baseline; Cohort B = Year 11 Baseline; Cohort C = Year 12 Baseline
3	ABSDATE	Num	8	MMDDYY10.	DATE9.	Date armband was first worn
4	Age_AB	Num	8			Age when received SenseWear Armband
5	BMI_AB	Num	8			Body mass index when received SenseWear Armband
6	ABHOURS	Num	8			Number of hours armband was worn
7	ABDAYS	Num	8			Number of days armband was worn = ABHOURS / 24
8	ABPCTTON	Num	8			Average percent time on body
9	ABTOTEE	Num	8			Total energy expenditure (Kcal)
10	ABTEE	Num	8			Average energy expenditure per day (Kcal/day) = ABTOTEE / ABDAYS
11	ABMEASAE	Num	8			Total measured active energy expenditure (Kcal)
12	ABAE	Num	8			Average measured active energy expenditure per day (Kcal/day) = ABMEASAE / ABDAYS
13	ABMEASAE_new	Num	8			Total measured active energy expenditure by 1.6 METs (Kcal)
14	ABAE_new	Num	8			Average measured active energy expenditure per day by 1.6 METs (Kcal/day) = ABMEASAE / ABDAYS
15	ABMETS	Num	8			Average metabolic equivalents per day
16	ABTOTMINPA	Num	8			Total minutes of physical activity
17	ABMINPA	Num	8			Average minutes of physical activity per day (Mins/day) = ABTOTMINPA / ABDAYS
18	ABTOTMINPA_new	Num	8			Total minutes of physical activity by 1.6 METs
19	ABMINPA_new	Num	8			Average minutes of physical activity per day by 1.6 METs (Mins/day) = ABTOTMINPA / ABDAYS
20	ABTOTSTEPS	Num	8			Total number of steps taken (Steps)
21	ABSTEPS	Num	8			Average number of steps taken per day (Steps/day)
22	ABGSR	Num	8			Average galvanic skin response (counts/min)
23	ABTOTLYDN	Num	8			Total lying down counts
24	ABTOTSLP	Num	8			Total sleep counts
25	ABSLPEFF	Num	8			Sleep efficiency = (ABTOTLYDN / ABTOTSLP) x 100%
26	ABTOTSLPHRS	Num	8			Total hours of measured sleep (hours)
27	ABSLP	Num	8			Average hours of sleep per night (hours/day) = ABTOTSLPHRS / ABDAYS
28	ABTOTLYDNHRS	Num	8			Total hours of measured lying down (hours)

**The CONTENTS Procedure**

Variables in Creation Order						
#	Variable	Type	Len	Format	Informat	Label
29	ABSLPEFFNEW	Num	8			Sleep efficiency new = (ABTOTSLPHRS / ABTOTLYDNHRS) x 100%
30	ABWEAR3D	Num	8			Number of days worn at least 3 days
31	ID2	Char	7			Second Record Indicator
32	VERSION	Num	8	YYMMDD10.		Release Date for this Version of HBP_SWA