TAAG
ACCELEROMETER COUNTS
DATA DICTIONARY

This document contains a description of the data sets which contain the physical activity counts from the accelerometer (initially known as the CSA, now the Actigraph). The measurements were completed at baseline (6A), follow-up (8A), and sustainability (8B). Thus, there are three data sets; one for each measurement window (6A, 8A and 8B).

Included on the file are the original counts (CNT1 – CNT2880) for each 30-second interval within a 24 hour period (24*60*2 = 2880). For example, CNT720 corresponds to 6:00 am and CNT 2160 corresponds to 6:00 pm. Also included on the file are some derived variables.

The CSA data sets have one record per ID per DAY (DAY ranges from 1 to 6 because the subjects wore the monitor for six consecutive 24-hour days. The files are enormous and take a very long time to manipulate.

A fraction (~7%) of the observations on the 8B CSA file have SEQNO = 099 instead of 001. These denote girls who were re-measured due to adherence issues or a malfunctioning accelerometer.

The count variables (CNT1 – CNT2880) have special missing values to denote the reason for the missing data. They are:

.r is 20 minutes of consecutive zeros.

.d is for counts that were actually from the previous subject. If the accelerometer was jarred enough to stop recording, the counts stored in the memory are retained, causing invalid counts from that point forward.

.z is for values up to the point at which the subject put on the accelerometer on the first day.

.e is all of the CNT variables after the subject takes off the accelerometer on the last day.

TAAG Accelerometer Counts Data Dictionary

Variable	Description
ID	Student ID
PE_AFT_E	End time for the class after the PE period
PE_AFT_S	Start time for the class after the PE period
PE_BEF_E	End time for the class before the PE period
PE_BEF_S	Start time for the class before the PE period
PE_END	End time for PE period
PE_PERID	PE period (1, 2, 3, …)
PE_START	Start time for PE period
SERIAL_N	Accelerometer serial number. Several subjects will have the same serial number as the accelerometers are used by multiple girls.
CNT1 – CNT2880	Counts from the accelerometer. Each count represents the count reading from the monitor for a 30-second interval. So CNT720 is 06:00:00, CNT1440 is noon and CNT2160 is 18:00:00.
DAY	(1st-6th) Day worn by girl.
DAY_N	Day of Week for this observation. 1=Sun,... 7=Sat (1-7)
_STDATE	Date (days since randomization)