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Could you share name of the lab that processed the data in Northeastern? Thank you!

The data processing was led by Drs. Stephen Intille and Dinesh John at Northeastern University.

Do you provide representative weights for the set of people whose physical activity measures are 7 days complete (this group is subset of the cohort)?

We do not. The definition of 7 complete days may vary based on analytic decisions. It is possible to rescale weights if there are concerns about excessive exclusions, although rescaling will not validly make a small proportion of participants representative of the entirety. I would also note that Wolff-Hughes et al. (2016) demonstrated that anyone with at least a single day can contribute to a valid group estimate. Unless you are looking at weekly patterns within an individual, restricting to 7 days may waste a lot of data.

Will there be a publication on key observations as it was done for NHANES 2003-2006 and UK Biobank accelerometry study?

We are working on a paper that will hopefully serve as a basis and guide for other analyses.

Can you share about any analyses/papers in progress by Federal staff or the Intile group?

See above and below

Do the people who processed the data into the summary format that is publicly available can share their program or detail procedure so that we can apply those methods for data collected in other studies

A paper describing the data processing is in the works. The NHANES documentation also provides information.

So, for 24h data collection, it is best to not activate Idle Sleep Mode? Will it still capture 7 days then?

Idle Sleep Mode complicates use of certain algorithms to determine sleep and non-wear. Given current memory and battery life, I do not know if it's use is still recommended. Please confirm with Actigraph specifications regarding memory/sampling frequency trade-offs.

Is there a way to match up household accelerometer data -being able to look at how parent data impacts child data?

There are not likely to be sufficient child/parent pairs for a robust analysis. Also, any household linkage data would only be available through the Research Data Center.

Are there plans to use alternative accelerometer devices?

Not at this time.

Was sleep mode used for all data collection or just early data?

Idle Sleep Mode was turned on by default and was on throughout the data collection.

Do you use logs along with accelerometry?

No logs were used for the NHANES data collections.