

## CART ACTIVITY DATA

Field	Description	Data Source	Data Clarification and Caveats
stamp	This is the time stamp for the beginning of the epoch (i.e. time period) that the data is for. It is in UTC time (i.e. Greenwich Mean Time).	Watch_Raw_Data	
device_macaddress	This is the device macaddress (i.e. unique identifier) for the watch that the data is from.	Watch_Raw_Data	
duration	This is the duration of the epoch (i.e. time period) that the data is for. Note that “stamp” + “duration” should equal the next “stamp”. However, this is not always the case. It is currently unclear if the watch is trying to predict an “off wrist” period (i.e. subject not wearing the watch) or if something else is occurring.	Watch_Raw_Data	
steps	The number of steps during the epoch.	Watch_Raw_Data	
distance	The estimated distance that the subject traveled during the epoch. The units for this metric are currently unclear.	Watch_Raw_Data	
swimlaps	The number of laps that the subject swam during the epoch.	Watch_Raw_Data	
runstate	Whether (1) or not (0) the subject was running during the epoch.	Watch_Raw_Data	
walkstate	Whether (1) or not (0) the subject was walking during the epoch.	Watch_Raw_Data	
sleepstate	The sleeping state of the user (0->Wake, 1->Light, 2->Deep, 3->REM).	Watch_Raw_Data	
model	The watch model.	Watch_Raw_Data	
fw_version	The version of firmware loaded on the watch.	Watch_Raw_Data	
homeid	The homeID that the subject ID was associated with during the data period.	Watch_Step_Data	
subid	The subject ID.	Watch_Step_Data	
study	The study for which the data was collected.	Watch_Step_Data	
date:	The date for which the steps were recorded. The date is defined as 12:00:00.000 AM (midnight) to 11:59:59.999 PM local time (e.g. Pacific Time, Central Time, Eastern Time).	Watch_Step_Data	
steps	The total number of steps during the date.	Watch_Step_Data	
first	Timestamp (in local time) for when the first steps after 5 AM occurred for ‘date’.	Watch_Step_Data	
last	Timestamp (in local time) for when the last steps occurred for ‘date’.	Watch_Step_Data	
model	The watch model.	Watch_Step_Data	
fw_version	The version of firmware loaded on the watch.	Watch_Step_Data	

homeid	The homeID that the subject ID was associated with during the data period.	Watch_Sleep_Data	The algorithm returns total hours slept for sleep periods that started between 6PM and 9AM, per day. All the contiguous sleep epochs are grouped together that started between 6PM one night and 9AM the next morning. *All contiguous segments are assigned to the "date" that contained the 6PM time point, and then all durations of individual segments assigned to the same date are summed together to get a total sleep time ("duration_hrs") for the date. The "sleep_period" is calculated as the amount of time from the start of the 1st contiguous sleep segment to the end of the last contiguous sleep segment. This should catch all the time that they slept "at night" but will miss any day naps or any times a subject went to sleep before 6 pm or after 9 am.
subid	The subject ID.	Watch_Sleep_Data	
study	The study for which the data was collected.	Watch_Sleep_Data	
date*	The date for which the sleep was recorded. Any sleep that began between 6 PM on date_0 and 9 AM on date_1 will be assigned to date_0. The date is defined as 12:00:00.000AM(midnight) to 11:59:59:999PM local time (e.g. Pacific Time, Central Time, Eastern Time).	Watch_Sleep_Data	
sleep_start	The beginning of the "sleep_period" for the "date".	Watch_Sleep_Data	
sleep_end	The end of the "sleep_period" for the "date".	Watch_Sleep_Data	
duration_hrs	The total number of hours of sleep for the date. The sum of time durations for sleep epochs. Does NOT include the sum of time durations for wake epochs in between sleep epochs.	Watch_Sleep_Data	
sleep_period	The time duration between "sleep_start" and "sleep_end". Differs from "duration_hrs" in that it is the sum of time durations for both sleep and wake epochs.	Watch_Sleep_Data	
count	The total number of contiguous sleep epochs combined to form "sleep_period". If "count" = 1, then "sleep_period" = "duration_hrs".	Watch_Sleep_Data	
model	The watch model.	Watch_Sleep_Data	
fw_version	The version of firmware loaded on the watch.	Watch_Sleep_Data	
subid	The subject ID.	Computer_Use_Raw_Data	
begin	The timestamp in which the session started according to the user computer's local time (e.g. Pacific Time, Central Time, Eastern Time).	Computer_Use_Raw_Data	
end	The timestamp in which the session ended according to the user computer's local time (e.g. Pacific Time, Central Time, Eastern Time). If the session is current, than this value is null.	Computer_Use_Raw_Data	
appID	The id of the application being used. The value is null if unable to detect the application.	Computer_Use_Raw_Data	
appname	The name of the application being used. The value is null if unable to detect the application.	Computer_Use_Raw_Data	
date	The date in which the session started. The date is defined as 12:00:00.000 AM (midnight) to 11:59:59:999PM local time (e.g. Pacific Time, Central Time, Eastern Time).	Computer_Use_Raw_Data	
dur_secs	Duration of the session in seconds.	Computer_Use_Raw_Data	
dur_mins	Duration of the session in minutes.	Computer_Use_Raw_Data	
subid	The subjectID.	Computer_Use_Daily_Data	
date	The date for which the data was aggregated. The date is defined as 12:00:00.000 AM (midnight) to 11:59:59:999PM local time (e.g. Pacific Time, Central Time, Eastern Time).	Computer_Use_Daily_Data	
comptime	Total time that the computer was used in minutes for 'date'.	Computer_Use_Daily_Data	
homeid	The homeID.	Scale_Raw_Data	
date	The date for which the scale data were recorded. The date is defined as 12:00:00.000 AM (midnight) to 11:59:59:999PM local time (e.g. Pacific Time, Central Time, Eastern Time).	Scale_Raw_Data	The weight measurements are not currently separated out by "subid". If there are more than one participants living in the home (i.e. "homeid"), the scale data will likely contain a mixture of weight measurements for all the participants.
t	This is the timestamp when the scale data was collected in local time (e.g. Pacific Time, Central Time, Eastern Time).	Scale_Raw_Data	
macaddress	This is the macaddress for the scale that the data came from.	Scale_Raw_Data	
weight	The weight measured in grams.	Scale_Raw_Data	

homeid	The homeID.	Scale_CheckIn_Data	If it has a reliable internet connection, the scale will check-in at least once a day and report, amongst other things, its current battery level. The scale is able to locally store about 1-2 weeks worth of weigh-ins and will upload this data whenever it has an internet connection (i.e. a few missing daily check-ins does NOT necessarily indicate missing data from subject weigh-ins).
date	The date for which the scale data were recorded. The date is defined as 12:00:00.000 AM (midnight) to 11:59:59.999PM local time (e.g. Pacific Time, Central Time, Eastern Time).	Scale_CheckIn_Data	
macaddress	This is the macaddress for the scale that the data came from.	Scale_CheckIn_Data	
averagebattlevel	The battery level of the scale.	Scale_CheckIn_Data	
model	The scale model.	Scale_CheckIn_Data	