

Comprehensive Update

SB-SWB Data Calculation and Result Analysis Progress.

Meeting Overview:

The upcoming meeting is for a comprehensive update on the data analysis progress. Successful completion of accelerometer data processing and organization, with categorization into distinct time points, will be discussed. The adaptable analysis code's capability to accommodate changes in new data will be highlighted. The agenda includes addressing missing survey data, resolving activpal data gaps, correcting participant number mislabeling, and overcoming initial visit entry challenges. Leverage Yoah's expertise and access to the research lab storage drive to explore solutions for data misalignment issues hindering result analysis and data calculations.

Meeting Objectives:

1. Reconcile all the missing *baseline-only* participants' missing files.
2. Reconcile all the missing *third survey* entries from the affected participants.
3. Reconcile the missing activpal data from the specific participant with its survey data.
4. Address the extra participant entries that would further the data entry alignment discrepancy.
5. Address the potential mislabelling of specific participant numbers.
6. Address the *double survey* entries from *baseline-only* participants.
 - a. Potential of using the "Instruction" column as point-of-reference?
7. Completion of accelerometer data processing and organization, categorizing into distinct time points.
 - a. Analysis code can also manage files and separate each CSV file into its respective time point files.
8. An analysis code's capability to accommodate changes.

Intended Outcomes:

1. Locate the missing baseline survey data files for the specified participants.
2. Locate all the missing third survey entries from the specified participants.
3. Locate the missing activpal data from the specific participant with its survey data.
4. Resolve the issue of extra participant entries.
 - a. Address the *double survey* entries from *baseline-only* participants.
 - b. Address the fourth survey entries *from baseline-only participants*.
5. Address the potential mislabelling of specific participant numbers.
9. Determine if using the "Instruction" column as a point of reference is a viable way to organize and verify participant entries.
6. Have all the above issues resolved to determine adjusted sedentary time against the ActivPal data.
7. Begin data visualization and statistical analyses.

Table 1 Master list of all unresolved issues of data analysis:

Participant Number:	Issue Type:	Comments:	Status: (Optional)
001	Double Survey Entry	Baseline only (ActivPal)	
002	4/3 Survey Entries		
003	4/3 Survey Entries		
008	4/3 Survey Entries		
009	2/3 Survey Entries	Feb22	
010	Double Survey Entry	Baseline only (ActivPal)	
012	Missing Baseline Survey Entry	Baseline only (ActivPal)	
015	Missing Baseline Survey Entry	Baseline only (ActivPal)	
036	Missing Baseline Survey Entry	Baseline only (ActivPal)	
063	Potential Mislabel	[63 → 66] @ 25Feb22	
045	Missing Baseline Survey Entry	Baseline only (ActivPal)	
046	Missing Baseline Survey Entry	Baseline only (ActivPal)	
051	Potential Mislabel	No ActivPal file	
055	0/3 ActivPal CSV files	Has 3/3 survey entries, no existing CSV file was found.	
059	Missing Baseline Survey Entry	Baseline only (ActivPal)	
060	Missing Baseline Survey Entry	Baseline only (ActivPal)	
061	Potential Mislabel	[51 → 61] No Survey Entry	
067	Missing Baseline Survey Entry	Baseline only (ActivPal)	
070	Potential Mislabel & 2/3 Survey Entries	[71 → 70]	

Table 1.1 Missing Baseline Survey Entry

Participant Number	Issue Type	Comments:	Status:
012	Missing Baseline Survey Entry	Baseline only (ActivPal)	
015	Missing Baseline Survey Entry	Baseline only (ActivPal)	
036	Missing Baseline Survey Entry	Baseline only (ActivPal)	
045	Missing Baseline Survey Entry	Baseline only (ActivPal)	
046	Missing Baseline Survey Entry	Baseline only (ActivPal)	
059	Missing Baseline Survey Entry	Baseline only (ActivPal)	
060	Missing Baseline Survey Entry	Baseline only (ActivPal)	
067	Missing Baseline Survey Entry	Baseline only (ActivPal)	

Table 1.2 Potential Mislabel of Participant No.

Participant Number	Issue Type	Comments:	Status:
063	Potential Mislabel	[63 → 66] @ 25Feb22	
051	Potential Mislabel	No ActivPal file	
061	Potential Mislabel	[51 → 61] No Survey Entry	
067	Missing Baseline Survey Entry	Baseline only (ActivPal)	
070	Potential Mislabel & 2/3 Survey Entries	[71 → 70]	

Table 1.3 Extra Survey Entries of Participants.

Participant Number	Issue Type	Comments:	Status:
001	Double Survey Entry	Baseline only (ActivPal)	
002	4/3 Survey Entries		
003	4/3 Survey Entries		
008	4/3 Survey Entries		
010	Double Survey Entry	Baseline only (ActivPal)	

Table 1.4 Missing ALL ActivPal CSV files.

Participant Number	Issue Type	Comments:	Status:
055	0/3 ActivPal CSV files	Has survey entries. No CSV file(s) was found.	

Additional Notes.

Still writing it all out for you to quickly refer to. Will be finished by August 17. (JT)