**Participant Log Locations**

**Updated: June 23, 2020**

This document serves as a comprehensive log of participant-level notes made by research staff throughout RISK data collection.

**June 22, 2020** – Created a script in R to find filenames that contain reference to participant logs. Using a relative path to the StudyData/RISK folder, a recursive search of the entire RISK directory returned a list of 57 filenames. The returned log was used to manually check files that had not already been checked for relevant participant information. [Participant\_log\_search\_script.R in RISK/administration]

log\_filenames <- list.files(path = "..",

pattern = regex("notes|log|participant"),

full.names = TRUE,

recursive = TRUE)

capture.output(log\_filenames, file = “participant\_log\_search\_results.txt”)

**Notes**: A more effective method for RISK2 would be designating a single location for all participant-level information from the beginning. Organizing by SubID and category of documentation in a searchable format (i.e., database, csv, etc.) may be best. Another option would be to store the logs separately and have a single word document to reference/summarize the information and provide a link to the full data set. A table of contents would also make the document easier to navigate.

From my review of the staff notes from RISK, I noticed certain patterns where hand-coding/staff review may be most useful.

1. Lapses – it seems like there were many discrepancies with lapses. Particularly where participants report drinking/lapses in audio files, but do not document the lapse in their EMA.
2. Missing data – there were many instances of missing data (surveys, GPS, etc.). Reasons documented include survey signal errors and other technical problems, lost phones, or participants who go missing for lengths of time. For continuous data, such as GPS, it may be important to note any substantial gaps or patterns regarding missing data (i.e., does a participant regularly go MIA during their lapses, is their phone turned off on weekends, etc.). However, this may take more resources (time, staff) than the information is worth. What would we do with this information?
3. More on GPS – several different trackers for GPS with a lot of overlap. Should create a single document and discuss ahead of time which information is a priority to monitor and which is not.
4. Attrition – many participants completed the first one or two follow-up visits but then dropped out of the study.
5. **Screening/Enrollment**

Document Type: Notes from single participant screened on 4/30/2018.

Location: Risk/administration/participants/session notes/session notes to discuss.docx

Notes: No participant ID listed (Deemed ineligible). Documented by Kerry (RA).

Content: “Participant asked many questions and asked about many different scenarios during the consenting process. Participant spent about an hour explaining why she wanted to be in the study and why she was quitting drinking. When the Research Assistant tried to move on to the next task, she was cut off by the participant who then stated ‘You ask why we stop drinking, but do you want to know why we start?’ and proceeded to tell the Research Assistant why she started drinking anyway. The participant responded ‘Never’ to most of the items on the SCL-90, even though she previously mentioned she was disabled and had mental health concerns. She also stated she did not bring her walker to the appointment because she was worried it would make her ineligible. Participant does not currently have a smart phone but is receiving a state-issued Android in 5 days so she will have it before her second visit. The participant is already seeing a counselor. UPDATE: 5/1/2018 RA: Kerry – Participant was deemed ineligible after discussion with study coordinator. RA tried to call participant to confirm ineligibility status, but the phone number the participant provided (their roommates number) was ‘unreachable’.”

Document Type: Disposition spreadsheet of participants

Location: Risk/administration/participants/final participant disposition.xlsx

Notes: Mostly record of participants who were screened out or discontinued. Relevant content below regarding participants with disposition of “Completed Study”.

Content:

|  |  |  |
| --- | --- | --- |
| SubID | Final Disposition | Notes |
| 016 | Completed Study | Ended participation early because graduating and moving out-of-state |
| 029 | Completed Study/Discontinued | Completed through follow up #1 (No show to follow up #2) |
| 047 | Completed Study/Withdrawn | Not able to receive messages from survey signal, withdrawn at follow up #1 |
| 055 | Re-enrolled as 061 | 055 stopped study activities after a couple of weeks, resumed again one month later as 061 |

Document Type: Incident report on a participant.

Location: Risk/administration/writeups/shortwriteup\_2018\_0712.docx

Notes: Report on participant 053 calling in distress on the day of their appointment. Cops ended up being sent to the participant’s house. Could not find a final disposition description in disposition spreadsheet, so uncertain as to whether the participant continued/completed the study.

Document Type: Progress note/report on participant.

Location: Risk/administration/clinical notes/ClinicNote\_Schultz (CJG Edits, 11-25-19).docx

Notes: Report on participant 269 contacting staff.

Content: “On November 19, 2019, staff were alerted to participant’s audio messages from November 11, 2019 and November 13, 2019. In the message dated November 11, 2019, participant reported that she used alcohol over the weekend. In the message dated November 13, 2019, participant clarified that she almost overdosed on Delsum Mucinex which she described as an addiction. In these audio messages, the participant mentioned that she had a therapy session and psychiatrist appointment, found a women’s support group, and was in contact with her support network.

On November 21, 2019, participant was contacted and informed we heard the messages. She reported that she was fine. Her parents had been stirring up some unpleasant memories for her which she reported talking about with her psychiatrist. She was offered additional resources but she declined.”

1. **GPS Tracking**

Document Type: Spreadsheet of missing and low track point days.

Location: Risk/administration/participants/technology tracking/phone type gps.xlsx

Notes: Low track point days defined as <20 feet or 0 feet total distance travelled. Listed below are participants with missing or low track point days recorded in the spreadsheet. Spreadsheet only includes information on participants with SubIDs 001-034.

Content:

|  |  |  |  |
| --- | --- | --- | --- |
| SubID | # Missing Days | # Low Track Point Days | Notes |
| 001 | 0 | 1 |  |
| 002 | 79 | 2 | Missing: 3/27-4/22, 4/24-6/16 |
| 003 | 26 | 27 | Participant had broken leg; Missing: 4/12, 4/15, 4/22, 4/24, 4/25, 4/27-4/30, 5/3, 5/5-5/7, 5/10, 5/13, 5/20, 5/25, 5/28, 5/29, 6/1, 6/4, 6/10-6/12, 6/14, 6/17 |
| 005 | 0 | 1 |  |
| 007 | 0 | 8 |  |
| 009 | 0 | 6 |  |
| 011 | 0 | 2 |  |
| 015 | 4 | 2 | Days missing from GPS file (11/27-11/30) are in MOVES file |
| 016 | 0 | 7 |  |
| 018 | 1 | 6 | Missing: 11/4 |
| 019 | 36 | 7 | Missing: 10/30-11/25, 11/30, 12/12, 1/1, 1/2, 1/18-1/23 |
| 020 | 0 | 8 |  |
| 021 | 50 | 10 | Missing: 10/27-10/29, 11/3-11/7, 11/17, 11/24-11/28, 12/4, 12/10-12/20, 12/25-12/31, 1/1-1/17 |
| 023 | 0 | 5 |  |
| 025 | 0 | 9 |  |
| 026 | 13 | 16 | Participant had surgery and was housebound for about 2 weeks at the end of November 2017, but it looks like that time was missed in GPS file. Missing: 11/28-11/30, 12/1, 12/2, 12/25-12/28, 1/31, 2/2, 2/3 |
| 027 | 8 | 15 | Missing: 11/17, 12/2, 12/16, 12/17, 12/23, 12/24, 1/6, 1/15 |
| 028 | 25 | 10 | Missing: 11/21-12/17 |
| 029 | 9 | 9 | Participant dropped out of study early; Last EMAL 1/22; Last GPS 2/5; Missing: 12/16, 12/25-12/27, 1/19-1/22, 1/30 |
| 030 | 24 | 27 | Participant was using MOVES APK download because unable to download MOVES app through Google Play Store; Missing: 12/4, 12/25-1/3, 1/8, 1/9, 1/18-1/22, 1/28-1/30, 2/5-2/8 |
| 031 | 0 | 2 |  |
| 032 | 9 | 20 | Participant lost their phone for a few days in December; Missing: 12/12, 12/13, 12/24, 12/25, 1/15-1/18, 2/19 |
| 033 | 6 | 4 | Missing: 2/23-2/28 |
| 034 | 7 | 9 | Missing: 2/20, 3/1-3/6 |

Document Type: Spreadsheet of notes on GPS tracking data.

Location: Risk/analysis/notes/gps\_review\_notes.xlsx

Notes: Some overlap with above file (phone type gps.xlsx). Table below only includes participants with notes attached.

Content:

|  |  |  |  |
| --- | --- | --- | --- |
| SubID | First Day | Last Day | Notes |
| 162 | 11/19/18 | 2/16/19 | Rarely left home |
| 074 | 6/1/18 | 8/31/18 | Rarely left home; Worked close to home |
| 097 | 7/24/18 | 10/23/18 | Worked close to home |
| 137 | 10/1/18 | 12/29/18 | Rarely left home |
| 134 | 9/18/18 | 12/14/18 | Rarely left home |
| 084 | 7/18/18 | 10/16/18 | Issues with phone throughout study |
| 065 | 5/15/18 | 8/14/18 | Issues with phone throughout study |
| 063 | 5/8/18 | 8/7/18 | Rarely left home |
| 082 | 6/21/18 | 8/26/18 | Participant was discontinued because cell service was shut off |
| 003 | 3/21/17 | 6/21/17 | Rarely left home; Had severe accident a couple weeks after intake that severely limited ability to travel |
| 139 | 10/17/18 | 1/16/19 | Rarely left home; Few locations they visit |
| 032 | 11/28/17 | 2/27/18 | Participant had two different androids while on study |
| 087 | 7/19/18 | 9/10/18 | Discontinued before follow-up #1 |
| 172 | 1/24/19 | 3/6/19 | Discontinued before follow-up #1 |
| 116 | 8/28/18 | 11/25/18 | Completed through follow-up #1 |
| 026 | 11/9/17 | 2/8/18 | Rarely left home |
| 104 | 8/24/18 | 10/24/18 | Completed through follow-up #2 |
| 047 | 3/23/18 | 04/30/18 | Completed through follow-up #1 |
| 173 | 2/1/19 | 3/7/19 | Discontinued before follow-up #1 |
| 085 | 7/11/18 | 9/23/18 | Completed through follow-up #2 |
| 093 | 7/19/18 | 8/22/18 | Completed through follow-up #1 |
| 064 | 6/6/18 | 9/6/18 | Had issues with phone throughout participation |
| 105 | 8/14/18 | 10/9/18 | Discontinued before follow-up #1 |
| 118 | 9/5/18 | 12/4/18 | Issues with phone throughout participation |
| 076 | 6/27/18 | 8/20/18 | Completed through follow-up #2 |
| 177 | 2/22/19 | 3/7/19 | Discontinued before follow-up #1 |
| 078 | 7/2/18 | 8/28/18 | Completed through follow-up #2 |
| 029 | 11/6/17 | 2/5/18 | Completed through follow-up #1 |
| 053 | 3/26/18 | 7/2/18 | Completed through follow-up #2 |
| 059 | 5/3/18 | 7/12/18 | Completed through follow-up #1 |
| 080 | 6/26/18 | 7/31/18 | Could not get FollowMee on phone before final visit; No GPS data from 8/1-9/27 |
| 005 | 6/19/17 | 9/22/17 | Worked three shifts a month; Stayed at home a lot |
| 190 | 3/1/19 | 3/6/19 | Rarely left home; Issues with GPS not figured out – most likely user error |
| 185 | 2/20/19 | 3/7/19 | Rarely left home |
| 171 | 1/15/19 | 3/7/19 | Few locations they visit |
| 175 | 2/1/19 | 3/7/19 | Rarely left home; Few locations they visit |
| 178 | 1/24/19 | 3/6/19 | Issues with GPS that were sorted at follow-up #1 |
| 167 | 2/6/19 | 3/7/19 | Had issues with GPS tracking that were fixed between follow-up #1 and #2 |

Document Type: A chart of participants with a low percentage of days using GPS and notes regarding participant phone situation.

Location: Risk/administration/participants/compliance/Low GPS Percentages.docx

Notes: Notes are copied from file. Can condense, format, etc.

Content:

|  |  |  |
| --- | --- | --- |
| SubId | Overall GPS % | Notes |
| 2 | 3.5% | Participant has a Samsung Galaxy and therefore the majority of her study visit days are missing from her GPS data. |
| 21 | 33% | Samsung Galaxy S7-Participant reported that they had not stopped tracking at any time and that the app would turn off on its own.  During their study participation we found that the MOVES app was particularly finicky with Samsung Galaxy phones, specifically Samsung Galaxy 6S and Samsung Galaxy 7S. |
| 51 | 12.2% | Samsung Galaxy-low GPS-known issue throughout study-RA attempted to troubleshoot issue |
| 56 | 5.6% | iPhone 6..note from RA: File starts tracking on 07/02/2018, participants on-study start date (day after Intake) was 04/10/2018, unsure of where the remaining GPS data is located, but participant did not have any missing GPS dates. |
| 65 | 36.7% | Samsung Galaxy 8-No other explanation noted in data log, 16219020238 |
| 74 | 9.9% | Alcatel Phone- Missing: 06/10/18-06/20/18  Switched from MOVES to FollowMee on 07/19/2018  This participant reported not going many places while in the study and she had a broken foot. She mainly went to the grocery store and library. She began working near her home during her last month on-study.  Participant broke phone in late June and came in for a ‘second’ Intake on 07/06/2018. Had spotty coverage throughout study |
| 80 | 35.6% | iPhone 6s-Participant removed MOVES from phone, but never put on FollowMee as instructed by staff. |
| 84 | 27.8% | Android ZTE--Participant called 7/19/2018 at approximately 1:45pm to report that they had misplaced their phone. They had left their phone on a bus. They are working with Metro transit services to get their phone returned to them, but will be missing some data due to the loss of their phone for a day.  -7/31/2018: Participant came in to get apps and register surveys on a different phone as they were having problems with their state subsidized phone.  -Participant was out of the country 8/8-8/16 and were unable to complete surveys or GPS info  -Participant had issues with their phone throughout the study |
| 162 | 3.3% | Samsung S6-Participant is retired and does not leave their house often. |
| 177 | In DC Folder Unable to Run % | Samsung Galaxy S7-Did not complete Study-DC prior to F1 |
| 182 | In DC Folder Unable to Run % | Samsung Edge S7- Participant arrived to Follow-up 1, but asked to be discontinued before data was collected. They needed to leave shortly after their visit time started, so unreported contacts, locations, and ID Battery were NOT collected. |
| 190 | 1.1% | Android (Obama Phone)-Spotty Coverage Throughout Study-Participant’s GPS was not registering post-Intake, so we scheduled an additional visit to look at their phone  -Participant’s GPS was not registering after the additional visit, so I showed the participant how to make sure their GPS is on  -Still trying to troubleshoot the participant’s GPS – contacted FollowMee and sent file log  -Participant did not have working GPS for the study despite several attempts to trouble shoot the issue. FollowMee couldn’t identify the issue either. |
| 204 | 40% | Samsung LG- Participant did not have FollowMee tracking for the first month of their study participation. At Follow-up 1, RA downloaded FollowMee back onto the participant’s phone and it began tracking again. Shortly before Follow-up 2, the participants GPS data stopped tracking again. At their visit, RA had to set up the account again because the participant had done a factory reset on their phone. KK |
| 238 | 35.6% | Samsung Galaxy S7- Participant had to reset their phone and forgot to call us to get FollowMee reconnected. It is connected as of 8/20/19. |
| 267 | In DC Folder Unable to Run % | iPhone SE--stopped tracking on October 6th, 2019-DC before F1 |

1. **EMA**

Document Type: Log from data cleaning EMA surveys.

Location: Risk/analysis/notes/log\_ema.csv

Notes: Copied notes directly from file. Some cleanup/organization may be needed.

Content:

|  |  |  |
| --- | --- | --- |
| SubID | UTC | Notes |
| 001 |  | data cleaning log entry 06/09/2017 missing data point from UTC for sub 001 startDate GMT 3/2/2017 3:17:11 PM should be 1488489431 |
| 003 |  | data cleaning log entry 06/09/2017 missing data point from UTC for sub 003 startDate GMT 4/3/2017 3:15:45 PM should be 1491250545 |
| 191 | 1552762117 | Note in data log saying this lapse should be corrected to say 3/16 for both start and end dates however the lapse would still be in the future. Although data logs are helpful they are still subjected to recall bias. I think best solution would be to change the end date to 03/15 instead |
| 191 | 1553040000 | Notes in data log are not super clear. Says lapse was fixed but no indication of how it should be fixed. The only thing that really makes sense would be to flip the start and end times and move everything back to 05/25 but not really sure if there is enough evidence to support this |
| 191 | 1558918788 | Notes in data log are not super clear. Says lapse was fixed but no indication of how it should be fixed. The only thing that really makes sense would be to flip the start and end times and move everything back to 05/25 but not really sure if there is enough evidence to support this |
| 204 | 1558123879 | from data log: 06/18/2019 Participant did a total of 5 surveys in between follow-up2 and follow-up3. Participant reported that she did not like doing the surveys after a while, so she stopped completing them. I collected lapses from her even though she did not complete her surveys and she reported that the lapse she reported with timestamp: 1558123879 was not 1 long drinking episode, but 3 individual ones lasting from 9pm each night and going until Midnight. She also reported that she probably drank beginning 05/16 through 06/04 from 9pm until Midnight. |
| 211 | 1557910936 | This seems like a typo where the start date is supposed to be the day before |
| 211 | 1559338681 | Participant lapsed a lot during participation. Although this is a long lapse I do not feel we have enough information to change it. No audios around this time. This is also the first survey completed on 05/31 lending further support |
| 211 | 1559979730 | No audios during this time. Given time of day this was being reported it seems like this is a typo and was supposed to be for the night before |
| 211 | 1560060421 | Again no audios during this time. Given the time of day this is being reported seems like this is a simple typo for the night before |
| 211 | 1560492559 | Again another early am lapse report. I think we should push the dates back a day so that it no longer occurs in the future |
| 212 | 1555473619 | Audio on 4/17 reported that drinking has been an issue. No specific info about the lapse. They denied having a lapse to report 3 times during the alleged lapse. Assuming we trust the start date I think we should keep this and put the end at the time of the survey NEED SARAHS INPUT |
| 213 | 1558482409 | from data log: - "UTC: 1558482409. Participant reported having drank alcohol nearly every day during the lapse dates provided. They reported the first day, 05/13/2019 being the heaviest day, and the subsequent dates being a little lighter. They did not recall times for lapses when asked during their Follow-up 2 visit. - KK." The participant did not complete any ema between 5/7 and this report on 5/21. They did not complete any audio messages between 5/04 and 5/22. Their 5/22 and 5/27 audio messages both reference that they've "been drinking", and on 5/30 they say they are "trying to get back on track" |
| 213 | 1559003693 | from data log: UTC: 1559003693. Participant reported having drank at the following times on listed dates: 5/25: 11pm - 12am, 5/26: 6pm - 8pm, 5/27: 6pm - 8pm, Participant reported these were estimates of the times spent drinking on this weekend. |
| 213 | 1559003693 | from data log: UTC: 1559003693. Participant reported having drank at the following times on listed dates: 5/25: 11pm - 12am, 5/26: 6pm - 8pm, 5/27: 6pm - 8pm, Participant reported these were estimates of the times spent drinking on this weekend. |
| 213 | 1559003693 | from data log: UTC: 1559003693. Participant reported having drank at the following times on listed dates: 5/25: 11pm - 12am, 5/26: 6pm -8pm, 5/27: 6pm - 8pm, Participant reported these were estimates of the times spent drinking on this weekend. |
| 218 | 1557956376 | from data log: : Participant 218 reported a lapse on 5/14/2019 - 5/15/2019, UTC time stamp: 1557956376. Time lapse start was reported 8pm and end was 2pm. Time lapse start is 8pm, but time lapse end should be 2am. -Kerry |
| 221 | 1560026473 | Sub reported quite a few longer lapses during participation. No audios or notes in data log regarding this time. No emas were completed during the alleged lapse window lending support for this. I do not think we have enough info to change this lapse |
| 221 | 1560118445 | No emas were completed during this window. Because lapse occurred through the ema completion time I believe the end date is a typo and should be 0609 |
| 221 | 1560353155 | Seems like this is a typo given the midnight error and that the lapse is occurring in the future |
| 221 | 1560541278 | I think this lapse is a typo. In her audio message on 06/16 she reported that she is on day 2 of sobriety meaning she did not lapse on 06/15 but did drink on 06/14. I believe the date should be changed to 06/14 |
| 221 | 1560608932 | Again, I think this lapse is a typo because in her audio she says she is on day 2 of sobriety. Change the end date to 06/14 |
| 221 | 1561172438 | In her audio on 06/24 she reported that she is 5 days sober today which would actually mean she has not lapsed since 06/19 however this lapse does not support that. Because this lapse is partially occurring in the future I think the end date is the error and that it should be changed to 06/20 |
| 225 | 1561035114 | No info in the data logs. This is the only lapse she reported during her participation but her audio messages definitely do not reflect her drinking during this entire period. On 6/19 participant reported that they felt like crap because they relapsed. On 6/20 participant reported that they were 2 days sober. They did not complete an audio message between 6/14-6/19 however messages between 6/5 and 6/14 do not give any indication that she was drinking. Given that her compliance was fairly high on emas during this period of audios and she consistently had no lapses to report I think the best case here is to change the lapse start to 06/18 and keep the time as is |
| 236 | 1564552863 | Audio on 07/31 mentioned drinking last night. No lapse was reported on 07/30 further supporting that this is a simple typo and both start and end dates should be moved back a day |
| 241 | 1567785380 | There is an audio on 09/09 saying that sub did drink last week Friday (09/06). However there is a lapse report for this date and does not explain how it could be reported in the future. This was the first ema completed that could have reported this lapse if they had meant to put 09/05 which seems to be the most understandable typo |
| 268 | 1572137167 | Not entirely sure what to do here. This person had 3 separate lapses on 10/26. She reported a lapse from 1pm-3pm and 8pm-9pm (same as this one but reported at 10am) This means that she probably lapsed at some point between 4pm and 8pm but reported the time wrong. Given that she reported 3 lapses in one day I wonder if it would be cleaner to say that it was one big lapse even though the times might not overlap. NEED SARAHS INPUT |
| 270 | 1572734206 | from data log: The participant reported a lapse on 11/02/2019 (UTC: 1572734206). EMAL\_1.3 should also be 11/02/2019. The time listed in EMAL\_1.4 is incorrect. The participant reported that she drank a lot so she doesn’t recall much from this drinking episode. -Candace. In her audio message on 11/3 the participant reports having 2 shots; she reports it wasn’t her intention to get drunk but to resolve pain and she stopped when she wasn’t in pain anymore. No other emas reference a time period about the use. Since she finished her survey at 5 pm, maybe the 5 was her trying to reference the current time? She didn't report any more drinking at her next ema at 11 pm that day. |
| 34 | 1520192606 | No audios or info in the data log. Not sure if the cleanest way to deal with this is to remove it put the end time as the same as the start time or put the end time as the time of the survey NEED SARAHS INPUT |
| 42 | 1524426150 | No info in data logs or helpful info in the audio messages. This seems like a situation that we should develop a rule for. We either need to remove it use the same start and end time or use the use the time of the survey. NEEDS SARAHS INPUT |
| 65 | 1526697053 | Audios on 05/18 and 05/19 reported that the sub is feeling ill and not having to drink at the time of the report. I think again a rule needs to be established in these cases |
| 98 | 1536981341 | No relevant info in audio messages. Again rule needs to be established |
| 104 | 1535259939 | Not sure what to do with this ema. Sub reported a lapse earlier ending at 21:00:00. I think the cleanest thing to do would be to drop this lapse label. Alternatively we could put the end of the lapse as the time the survey was taken. |
| 118 | 1538613095 | NEED A RULE. On 10/04 sub states that they have not drank nothing that I have and then it is inaudible. No info in data logs. |
| 175 | 1553799731 | The data log shows this lapse in a table with 10am as the end time. After looking at qualtrics directly it looks that this survey was completed but they entered the end date as 10:30 and the end time as 10 AM. I think the person might have been trying to specify when they stopped drinking but the data format was unreadable for r which resulted in an NA. Definitely worth confirming that these are not happening in the other NA cases. |
| 188 | 1557713610 | from data log: 5/22/2019: Participant 188‚ EMAL response with UTC 1557713610 is a false ’Yes’ response. The participant reported that they did not have a lapse and forgot that they could go back and change the ‘Yes’ response to a ‘No’ response. The participant did not have any lapses while on study. |
| 191 | 1554680062 | data log noted that the start date should be 04/07 at 17:00:00 |
| 191 | 1554863107 | No notes in data log on this one. There is a lapse from 4/16-4/9 from 2pm to 9pm so this partially matches up. Perhaps something went wrong during cleaning although I did not see any notes on this sub in the cleaning log. Based on this info I think the start date should be 04/09 as in the data log |
| 211 | 1560055910 | Given that this lapse now occurs in the 2pm-midnight lapse from above I think we can ignore this lapse because it is captured elsewhere |
| 42 | 1523384720 | One ema was completed during this reported lapse at 12:56 AM. Given how early this is it still seems possible that they had been drinking at the reported times. Because we do not have enough information to change this lapse I think it should be left as is |
| 43 | 1526843262 | No notes in data log. This was the earliest possible time that this survey could be completed. Considering that there is not any other information available I think we should leave this as is. |
| 48 | 1528261907 | Participant was reporting a lot of lapses around this time. Audio report on 06/06 acknowledged that they had basically been drinking all of last week and they needed to get back on track which lends support to this lapse |
| 56 | 1524355617 | Stopped doing audios on 04/20, Participant reported several lapses around this time. It is possible that they intended to report a 4pm-4pm lapse. I am not sure if we have enough information to change this. Would like some input on this one. |
| 56 | 1526751886 | This was the first ema completed that this lapse could be reported. I think we can trust this lapse |
| 56 | 1527526923 | This was the first ema completed that this lapse could be reported. I think we can trust this lapse |
| 56 | 1531076966 | One survey was completed at 14:50 on 07/07 where no lapse was reported. Other than that there were no emas completed during this lapse. I think we have to trust this lapse because we do not have enough info to change this |
| 86 | 1539540877 | At 6pm on 10/13 sub reported a lapse on 10/13 from 12-3pm. This ema is the next one that was completed. So either they ended up drinking a lot longer than they intended (seems unlikely that they misreported the previous lapse so poorly. Which leads me to believe taht this is supposed to be 10/14 at noon as the start time and maybe noon end time? or since this is not clear maybe we should put the time of ema completion as the end time? |
| 116 | 1541390475 | no info in data logs or audio messages. Longer lapses for this participant seem fairly common and given how quickly after the lapse ended this report was made I think it is safe to trust the report |
| 128 | 1538713392 | added by megan. This is part of a larger lapse chain |
| 128 | 1538757046 | Audio message for 10/05 reports that the sub has been drinking off and on for the last 2 or 3 days. Lots of lapses reported on 10/03-10/05. Some overlap, but not all which further emphasizes info from audio message |
| 128 | 1538765381 |  |
| 128 | 1538608703 | added by megan. This is part of a larger lapse chain |
| 128 | 1538621976 | added by megan. This is part of a larger lapse chain |
| 128 | 1538670710 | added by megan. This is part of a larger lapse chain |
| 128 | 1538682141 | added by megan. This is part of a larger lapse chain |
| 128 | 1538692008 | added by megan. This is part of a larger lapse chain |
| 128 | 1539792350 | Audio message on 10/17 reported drinking the night before. Lots of lapses being reported during time |
| 128 | 1542556841 | Lots of lapses around this time. Participant mentioned that she drank some on 11/18 but not a ton. She also reported on 11/17 that she has not been fighting any urges. I trust this report |
| 128 | 1543075557 | megan added this lapse earlier because it is a part of a chain |
| 128 | 1543863066 | No explicit mention of drinking in audio message just that sub was not looking forward to going home. Lots of little lapses reported around this time |
| 191 | 1555273126 | This lapse was confimed in the data log however this does not explain how they reported a lapse from the future. Further a lapse was reported 1.5 hours prior for a drink at noon. I do not trust this lapse but I am not really sure what to do here. NEED SARAHS INPUT |
| 263 | 1568817870 | Sub did not complete any audios while on study. No emas were completed on 09/17 which supports why it took so long to report it and the possibility that they lapsed this long. |
| 42 | 1521242318 | No emas were completed on 03/15 and this is the first ema completed on 03/16 which lends support to trust this lapse |
| 43 | 1523444163 | One ema was completed on 04/08 at 16:20 with no lapses to report. No emas were completed in between that one and this survey lending support that this was a legitimately reported lapse |
| 48 | 1522742127 | Audio on 04/01 mentioned drinking and sub did their ema at 9pm so even though there was no explicit note that the drinking was specifically for that day I think it is a safe assumption. However they already reported a lapse on 04/01 from 17:00-21:00. Their audio message on 04/02 mentioned that they were going to the brewer game and were going to drink there. This leads me to believe that this is a typo for 04/02 instead of 04/01 |
| 79 | 1536033175 | Data log says this sub had a brain injury and suffers from memory issues. This could explain why it took so long to report this lapse. However he did report a lapse on 09/02 20:00 at 10am on 09/03 which makes me a little skeptical and think it is possible that that this is supposed to be 09/03. Without any audio messages around this time I think it is impossible to say |
| 100 | 1536338523 | Audio message on 09/11 reported that they were happy to get out of the hospital on Sunday (09/09). Not sure how long they were in the hospital for. They did not complete any on 09/05 but they did complete all 4 on 09/06. I do not think we have enough to change this one |
| 119 | 1540856535 | On 10/31 subs audio mentioned that they had missed several days because they relapsed and were trying to get back on track. This is the only lapse that was reported while on study. However it is unclear if this lapse report is correct. They had to have answered 4 surveys on 10/28 saying they did not lapse. Given that there really is not enough info to change this lapse I think we have to keep it as is |
| 214 | 1561352949 | This one was added manually by Sarah from reviewing the data log. This lapse report should be removed:1561352949 Participant reported on the same drinking episode 2 times once in EMAM and once in EMAL. The EMAL survey reported 5pm-11pm which is incorrect. The correct response is recorded in EMAM 5pm-9pm(1561401216) . Please disregard survey with the timestamp above. MS 06/26/19 |
| 234 | 1562068799 | This one was added manually by Sarah from reviewing the data log. This lapse report should be removed: 234-Participant reported on the same drinking episode 2 times with slightly different timeframes. We clarified this at FU1 and it was determined that timestamp: 1562038420 is correct and timestamp: 1562068799 is incorrect. MS 07/11/2019 |
| 190 | 1558108786 | This one was manually added by Sarah from reviewing the data log: "UTC 1558108786 Participant did not finish the survey, but they said that they did have a lapse around that time. They could not remember the exact date and time, but they did confirm that they did have a lapse." Last ema was 5/12, so they did go a bit with no emas (this person otherwise responded regularly). Next ema at 2pm did not report any drinking. From audio messages looks like he was on a cruise from 5/12 - 5/17. on 5/17 he mentions coming home but does not report drinking. No mention of drinkin in messages 5/17 - 5/22. On 5/23 he says "i don't drink any alcohol [inaudible :11] for seven days" but when I listen to the actual audio message I think the transcription is wrong (he is talking about the cruise being 7 days long) |

1. **Other Logs**

Document Type: Document recording insights view of participants’ commitment to sobriety.

Location: Risk/analysis/notes/lapse\_insights\_from\_staff.docx

Notes: I am uncertain what this document is for because it only appears to document a select number of participants that both appear to be and not be committed to abstinence.

Content:

|  |  |
| --- | --- |
| SubID | Notes |
| 034 | This participant was an undergrad (young - 23) and this was their first quit attempt. I think they got into some trouble with their drinking and were encouraged to seek treatment, but I do not believe they were committed to abstinence. - JN |
| 037 | This participant was also a participant on DOX. In my opinion, this participant was not committed to abstinence. He lapsed several times on DOX and continued to drink on RISK. He never seemed upset when we talked about his drinking or disappointed in himself. -CJ |
| 043 | This participant shared that they were a combat vet who suffered from PTSD. I think they got into trouble for their drinking that led them to seek treatment. I do not think they were completely committed to abstinence; however, I think they were sincerely trying to stop drinking as a way to cope. - JN |
| 047 | This participant was fairly young and certainly wanted to decrease their alcohol intake, but did not seem committed to abstinence for a very long period of time. I recall them indicating they were glad to be drinking lesser amounts of alcohol than they used to when they drank. -KK |
| 048 | By the first follow-up, this participant seemed more committed to significantly decreasing his alcohol intake more than to abstinence. I recall him being happy with drinking less or planning out when he would have one or two drinks. -CJ |
| 054 | This participant was committed to sobriety for the first part of their study participation. By month three, they were more interested in drinking in moderation for their long-term goal rather than not drinking at all. They began working on drinking in moderation during their MET with Chris at their Final Visit. -KK |
| 056 | After the first couple of study visits, this participant did not seem as interested in maintaining sobriety. –KK |
| 058 | After the first couple of study visits, this participant did not seem as interested in maintaining sobriety. -KK |
| 086 | This was the participant’s first quit attempt. He is very young and seemed to be motivated to quit after being pressured by his parents. I do not think that he was committed to complete abstinence. He was definitely uncertain and trying to figure it out. -CJ |
| 098 | This participant was definitely striving for sobriety. She was under a lot of stress in her life during her study participation that very likely contributed to her inability to always feel confident about her ability to achieve abstinence. -CJ |
| 104 | This participant never regained sobriety. I think they wanted to think they were committed to abstinence, but that they couldn’t achieve sobriety. - JN |
| 121 | This participant was committed to abstinence when they joined the study, but as their participation progressed, I think they were less committed to sobriety and more so committed to reducing their problematic drinking. - JN |

Document Type: Data cleaning log

Location: Risk/analysis/notes/data\_cleaning\_log.docx

Notes: Notes about specific participants were extracted from the data cleaning log file.

Content: Extensive log documenting any recoding or other measures (i.e., participant taking missed survey at a later date) taken to correct technical or participant error in order to preserve validity of data. The log documents anytime a participant alerts the researcher to a question they answered incorrectly in one of the batteries. Any UTC time stamps or SubIDs that were initially entered incorrectly are also noted. Other types of incidences reported: participant stopped receiving EMA and audio reminders, surveys completed on accident, reported lapses not captured in EMA and other lapse discrepancies, missing data due to survey signal error, technical difficulties reported by participants, participants MIA, outcome of RAs reviewing incomplete/”false” surveys with participants, and missing data due to participant deleting text messages and clearing call log prior to follow-up visit.

Document Type: Individual logs for each participant

Location: Risk/raw\_data/[subid]/[subid]\_Datalog.docx

Notes: Each participant has their own subid folder that contains a data log. Some participants have more information than others. Many of the sections are empty.

Content: Content is separated by the following section sub-headings: general notes, screen, intake, follow-up #1, follow-up #2, follow-up #3, audio data, beddit data, EMA data, GPS data, missing GPS days, call and SMS logs.