

Main Analysis

October 26, 2021

1 Main Effect Analysis

1.1 Main Results

| Decision Point | Total No. Participants Included in Analysis | Total No. Participants Excluded from Analysis |
|----------------|---|---|
| 1 | 581 | 10 |
| 2 | 490 | 101 |
| 3 | 453 | 138 |
| 4 | 437 | 154 |

| | est | SE | p | 95%CI: LB | 95%CI: UB |
|------------------------------------|--------|-------|-------|-----------|-----------|
| Control Covariates | | | | | |
| Intercept | -0.496 | 0.279 | 0.076 | -1.044 | 0.052 |
| No. of Days with any drinks | -0.087 | 0.061 | 0.155 | -0.207 | 0.033 |
| No. of Drinks per day | -0.026 | 0.038 | 0.499 | -0.101 | 0.049 |
| White (1=Yes, 0=otherwise) | 0.049 | 0.075 | 0.517 | -0.099 | 0.196 |
| Female (1=Yes, 0=otherwise) | 0.062 | 0.289 | 0.831 | -0.505 | 0.628 |
| Male (1=Yes, 0=otherwise) | 0.015 | 0.292 | 0.958 | -0.558 | 0.589 |
| No. of Days elapsed since entering | -0.008 | 0.001 | 0.000 | -0.010 | -0.005 |
| Causal | | | | | |
| beta | 0.008 | 0.042 | 0.850 | -0.075 | 0.091 |

| | est | 95%CI: LB | 95%CI: UB |
|-----------|-------|-----------|-----------|
| exp(beta) | 1.008 | 0.924 | 1.092 |

1.2 Appendix: Participants excluded from analyses – breakdown by decision point and rationale

Table 1: No. of participant-decision points excluded due to the fact that participants did not select their preferred Product or Charity at baseline

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 1 | 8 |
| 2 | 8 |
| 3 | 8 |
| 4 | 8 |

Table 2: No. of participant-decision points excluded due to the fact that participants had missing values in any of the covariates utilized in the noise reduction model

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 1 | 2 |
| 2 | 2 |
| 3 | 2 |
| 4 | 2 |

Table 3: No. of participant-decision points excluded due to these participant-decision points not having a recorded randomization assignment at participant-decision points in which should have been randomized

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 2 | 91 |
| 3 | 127 |
| 4 | 143 |

Table 4: No of participant-decision points excluded due to the fact that these participant-decision points came immediately after (i.e., time $t+1$) a decision point (i.e., time t) where the participant reported heavy drinking and hence were eligible for randomization (i.e., at time $t+1$). However, these participant-decision points did not have a record of the participant’s randomization assignment present in the data.

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 3 | 1 |
| 4 | 1 |

2 Moderation Analysis

2.1 Main Results

| Decision Point | Total No. Participants Included in Analysis | Total No. Participants Excluded from Analysis |
|----------------|---|---|
| 1 | 567 | 24 |
| 2 | 479 | 112 |
| 3 | 443 | 148 |
| 4 | 427 | 164 |

| | est | SE | p | 95%CI: LB | 95%CI: UB |
|---|--------|-------|-------|-----------|-----------|
| Control Covariates | | | | | |
| Intercept | -0.500 | 0.287 | 0.082 | -1.064 | 0.064 |
| No. of Days with any drinks | -0.079 | 0.061 | 0.200 | -0.199 | 0.042 |
| No. of Drinks per day | -0.038 | 0.039 | 0.334 | -0.114 | 0.039 |
| White (1=Yes, 0=otherwise) | 0.062 | 0.077 | 0.419 | -0.089 | 0.213 |
| Female (1=Yes, 0=otherwise) | 0.066 | 0.297 | 0.823 | -0.517 | 0.650 |
| Male (1=Yes, 0=otherwise) | 0.024 | 0.301 | 0.936 | -0.566 | 0.615 |
| No. of Days elapsed since entering | -0.007 | 0.001 | 0.000 | -0.010 | -0.005 |
| Causal | | | | | |
| beta0 | 0.012 | 0.087 | 0.887 | -0.158 | 0.182 |
| beta1 (Coefficient for treatment x baseline anxiety) | -0.004 | 0.017 | 0.815 | -0.038 | 0.030 |
| beta2 (Coefficient for treatment x baseline depression) | 0.016 | 0.016 | 0.309 | -0.015 | 0.047 |
| beta3 (Coefficient for treatment x baseline stress) | -0.005 | 0.010 | 0.583 | -0.025 | 0.014 |

2.2 Appendix: Participants excluded from analyses – breakdown by decision point and rationale

Table 5: No. of participant-decision points excluded due to the fact that participants did not select their preferred Product or Charity at baseline

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 1 | 8 |
| 2 | 8 |
| 3 | 8 |
| 4 | 8 |

Table 6: No. of participant-decision points excluded due to the fact that participants had missing values in any of the covariates utilized in the noise reduction model and moderators

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 1 | 16 |
| 2 | 16 |
| 3 | 16 |
| 4 | 16 |

Table 7: No. of participant-decision points excluded due to these participant-decision points not having a recorded randomization assignment at participant-decision points in which should have been randomized

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 2 | 88 |
| 3 | 123 |
| 4 | 139 |

Table 8: No of participant-decision points excluded due to the fact that these participant-decision points came immediately after (i.e., time $t+1$) a decision point (i.e., time t) where the participant reported heavy drinking and hence were eligible for randomization (i.e., at time $t+1$). However, these participant-decision points did not have a record of the participant’s randomization assignment present in the data.

| Decision Point | Number of Participants Excluded |
|----------------|---------------------------------|
| 3 | 1 |
| 4 | 1 |