

Main Analysis

November 22, 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	-0.482	0.080	0.000	-0.640	-0.324
No. of Days with any drinks	-0.087	0.061	0.154	-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	0.072	0.498	-0.093	0.192
Female (1=Yes, 0=otherwise)	0.047	0.065	0.475	-0.082	0.175
No. of Days elapsed since entering	-0.008	0.001	0.000	-0.010	-0.005
Causal					
beta	0.008	0.042	0.852	-0.075	0.091

	est	95%CI: LB	95%CI: UB
exp(beta)	1.008	0.924	1.091

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	-0.477	0.081	0.000	-0.637	-0.318
No. of Days with any drinks	-0.079	0.061	0.198	-0.199	0.041
No. of Drinks per day	-0.038	0.039	0.333	-0.114	0.039
White (1=Yes, 0=otherwise)	0.063	0.074	0.395	-0.083	0.209
Female (1=Yes, 0=otherwise)	0.043	0.066	0.515	-0.087	0.173
No. of Days elapsed since entering	-0.007	0.001	0.000	-0.010	-0.005
Causal					
beta0	0.012	0.087	0.888	-0.158	0.182
beta1 (Coefficient for treatment x baseline anxiety)	-0.004	0.017	0.812	-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	0.584	-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