

# Exploratory Analysis

November 19, 2021

## 1 Main Results

Decision Point	Total No. Participants Included in Analysis	Total No. Participants Excluded from Analysis
2	373	218
3	326	265
4	278	313

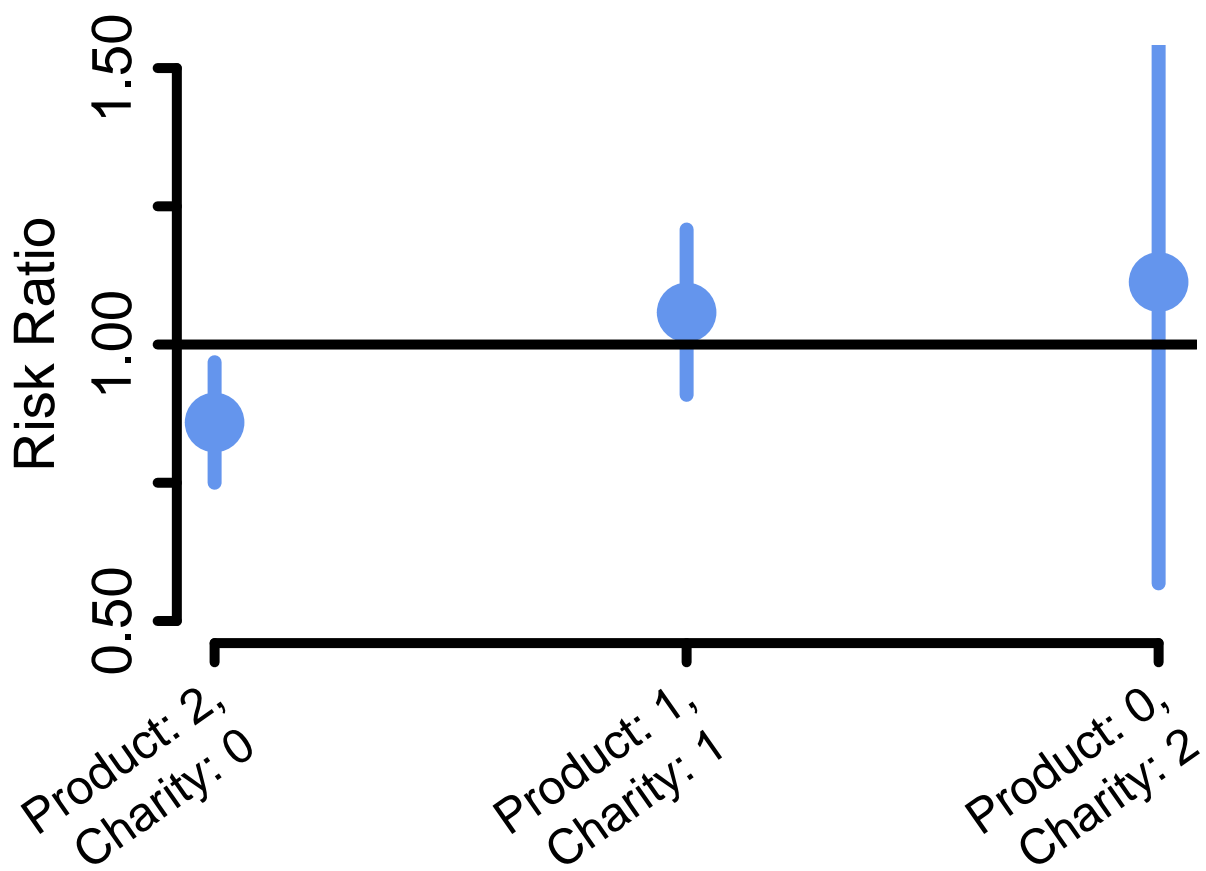
Current Decision Point (j)	Total No. Participants Included in Analysis	Performed Point Allocation at Previous Decision Point (j-1)	
		No. of Participants	Percent of Participants
2	373	373	100
3	326	326	100
4	278	278	100

Allocation of Points at Previous Decision Point (j-1)				
Current Decision Point (j)	Product: 2 Points, Charity: 0 Points	Product: 1 Point, Charity: 1 Point	Product: 0 Points, Charity: 2 Points	Total No. Participants at Current Decision Point (j) Included in Analysis
2	166	192	15	373
3	136	175	15	326
4	117	146	15	278

Allocation of Points at Current Decision Point (j)					
Current Decision Point (j)	Product: 2 Points, Charity: 0 Points	Product: 1 Point, Charity: 1 Point	Product: 0 Points, Charity: 2 Points	Did not perform point-allocation	Total No. Participants at Current Decision Point (j) Included in Analysis
2	144	175	14	40	373
3	113	148	14	51	326
4	105	122	11	40	278

	est	SE	p	95%CI: LB	95%CI: UB
<b>Control Covariates</b>					
Intercept	-0.393	0.084	0.000	-0.559	-0.227
No. of Days with any drinks	0.020	0.052	0.709	-0.083	0.123
No. of Drinks per day	-0.036	0.037	0.327	-0.109	0.036
White (1=Yes, 0=otherwise)	0.127	0.065	0.051	0.000	0.255
Female (1=Yes, 0=otherwise)	-0.025	0.056	0.661	-0.135	0.086
No. of Days elapsed since entering	-0.002	0.002	0.247	-0.006	0.002
<b>Causal</b>					
beta0	-0.152	0.065	0.019	-0.279	-0.025
beta1 (Trt x Equal alloc)	0.209	0.099	0.036	0.014	0.403
beta2 (Trt x All alloc charity)	0.259	0.259	0.318	-0.250	0.768

	est	95%CI: LB	95%CI: UB
Risk Ratio: All points allocated to product	0.859	0.750	0.968
Risk Ratio: Equal allocation of points to product and charity	1.058	0.909	1.208
Risk Ratio: All points allocated to charity	1.113	0.568	1.657



## 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
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
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

Table 5: No. of participant-decision points excluded due to the participant not completing the survey at the previous decision point after having been invited to self-monitor

Decision Point	Number of Participants Excluded
2	2
3	2
4	5

Table 6: No. of participant-decision points excluded due to the participant not having been invited to self-monitor at the previous decision point. These participants were also not eligible for randomization at the previous decision point. Recall that if participants were not eligible for randomization at a particular decision point, they were not sent a self-monitoring survey at that particular decision point.

Decision Point	Number of Participants Excluded
2	115
3	125
4	154