# Exploratory Analysis

## November 23, 2021

# 1 Main Results

| Decision Point | Total | Excluded | | | | Ineligible | Remaining |
|---|---|---|---|---|---|---|---|
| | | See Section 2, Table 1 | See Section 2, Table 2 | See Section 2, Table 4 | See Section 2, Table 5 | See Section 2, Table 3 | |
| 1 | 591 | 8 | 2 | - | - | - | 581 |
| 2 | 591 | 8 | 2 | - | 117 | 91 | 373 |
| 3 | 591 | 8 | 2 | 1 | 127 | 127 | 326 |
| 4 | 591 | 8 | 2 | 1 | 159 | 143 | 278 |

| Current Decision Point (j) | Remaining | 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 |

| Current Decision Point (j) | Allocation of Points at Previous Decision Point (j-1) | | | Remaining at Current Decision Point (j) Included in Analysis |
|---|---|---|---|---|
| | Product: 2 Points, Charity: 0 Points | Product: 1 Point, Charity: 1 Point | Product: 0 Points, Charity: 2 Points | |
| 2 | 166 | 192 | 15 | 373 |
| 3 | 136 | 175 | 15 | 326 |
| 4 | 117 | 146 | 15 | 278 |

| Current Decision Point (j) | Allocation of Points at Current Decision Point (j) | | | | Remaining at Current Decision Point (j) Included in Analysis |
|---|---|---|---|---|---|
| | Product: 2 Points, Charity: 0 Points | Product: 1 Point, Charity: 1 Point | Product: 0 Points, Charity: 2 Points | Did not perform point-allocation | |
| 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 |
|---|---|---|---|---|---|
| **Control Covariates** | | | | | |
| 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 |
| **Causal** | | | | | |
| 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 |
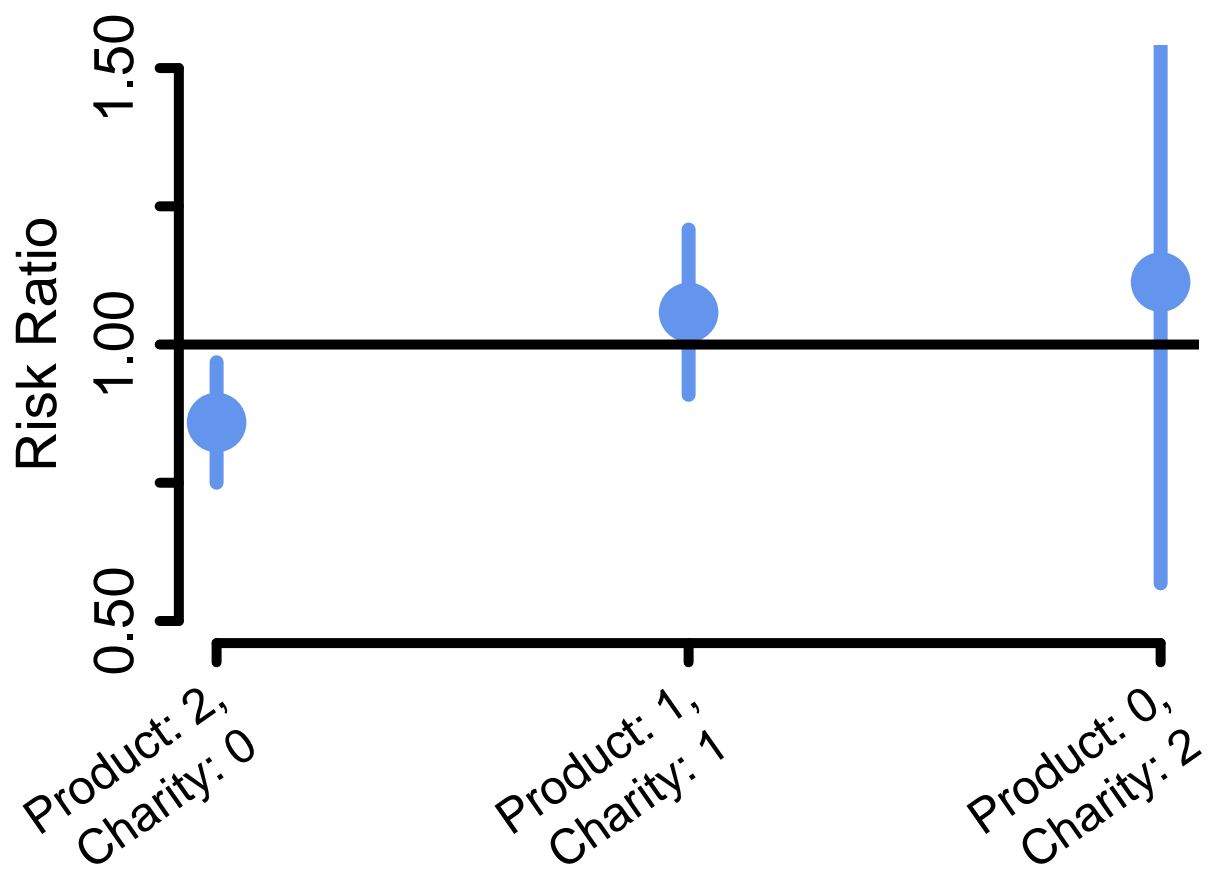
# 2 Supplemental Information for 'Main Results': Participants excluded from analyses – breakdown by decision point and rationale

Table 1: No. of participants 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 participants 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 ineligible participants (i.e., who were classified as heavy drinkers at the prior self-monitoring assessment)

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

Table 4: No. of eligible participants (i.e., who were not classified as heavy drinkers at the prior self-monitoring assessment) who did not have any randomization assignment

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

Table 5: No. of participants who were eligible (i.e., who were not classified as heavy drinkers at the prior self-monitoring assessment) at the prior decision point, but who did not complete the self-monitoring survey at the prior decision point

| Decision Point | Number of Participants Excluded |
|---|---|
| 2 | 117 |
| 3 | 127 |
| 4 | 159 |