

# Exploratory Analysis

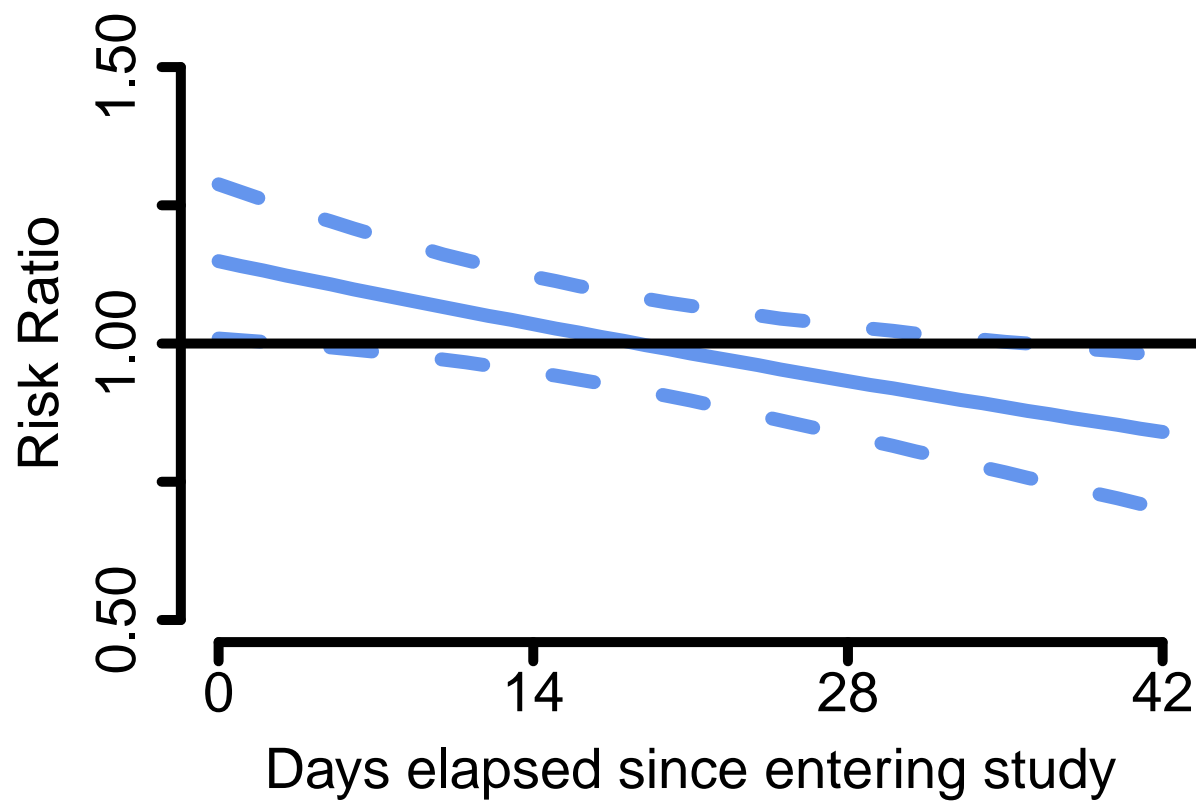
November 19, 2021

## 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
<b>Control Covariates</b>					
Intercept	-0.627	0.081	0.000	-0.786	-0.469
No. of Days with any drinks	-0.093	0.065	0.149	-0.220	0.034
No. of Drinks per day	-0.024	0.042	0.570	-0.105	0.058
White (1=Yes, 0=otherwise)	0.065	0.075	0.387	-0.082	0.212
Female (1=Yes, 0=otherwise)	0.036	0.067	0.591	-0.096	0.169
<b>Causal</b>					
beta0	0.139	0.062	0.025	0.017	0.260
beta1 (Trt x Days since)	-0.007	0.003	0.008	-0.013	-0.002

	est	95%CI: LB	95%CI: UB
Risk Ratio at 0 Days elapsed since entering study	1.149	1.009	1.288
Risk Ratio at 1 Days elapsed since entering study	1.140	1.006	1.274
Risk Ratio at 2 Days elapsed since entering study	1.132	1.003	1.260
Risk Ratio at 3 Days elapsed since entering study	1.123	1.000	1.247
Risk Ratio at 4 Days elapsed since entering study	1.115	0.996	1.233
Risk Ratio at 5 Days elapsed since entering study	1.107	0.993	1.221
Risk Ratio at 6 Days elapsed since entering study	1.098	0.989	1.208
Risk Ratio at 7 Days elapsed since entering study	1.090	0.985	1.196
Risk Ratio at 8 Days elapsed since entering study	1.082	0.980	1.184
Risk Ratio at 9 Days elapsed since entering study	1.074	0.976	1.173
Risk Ratio at 10 Days elapsed since entering study	1.066	0.971	1.161
Risk Ratio at 11 Days elapsed since entering study	1.058	0.966	1.151
Risk Ratio at 12 Days elapsed since entering study	1.050	0.960	1.141
Risk Ratio at 13 Days elapsed since entering study	1.043	0.954	1.131
Risk Ratio at 14 Days elapsed since entering study	1.035	0.948	1.121
Risk Ratio at 15 Days elapsed since entering study	1.027	0.942	1.113
Risk Ratio at 16 Days elapsed since entering study	1.020	0.935	1.104
Risk Ratio at 17 Days elapsed since entering study	1.012	0.928	1.096
Risk Ratio at 18 Days elapsed since entering study	1.005	0.921	1.088
Risk Ratio at 19 Days elapsed since entering study	0.997	0.913	1.081
Risk Ratio at 20 Days elapsed since entering study	0.990	0.905	1.074
Risk Ratio at 21 Days elapsed since entering study	0.982	0.897	1.068
Risk Ratio at 22 Days elapsed since entering study	0.975	0.888	1.062
Risk Ratio at 23 Days elapsed since entering study	0.968	0.879	1.056
Risk Ratio at 24 Days elapsed since entering study	0.961	0.870	1.051
Risk Ratio at 25 Days elapsed since entering study	0.953	0.861	1.045
Risk Ratio at 26 Days elapsed since entering study	0.946	0.852	1.041
Risk Ratio at 27 Days elapsed since entering study	0.939	0.843	1.036
Risk Ratio at 28 Days elapsed since entering study	0.932	0.834	1.031
Risk Ratio at 29 Days elapsed since entering study	0.925	0.824	1.027
Risk Ratio at 30 Days elapsed since entering study	0.919	0.815	1.023
Risk Ratio at 31 Days elapsed since entering study	0.912	0.805	1.018
Risk Ratio at 32 Days elapsed since entering study	0.905	0.796	1.014
Risk Ratio at 33 Days elapsed since entering study	0.898	0.786	1.011
Risk Ratio at 34 Days elapsed since entering study	0.892	0.776	1.007
Risk Ratio at 35 Days elapsed since entering study	0.885	0.767	1.003
Risk Ratio at 36 Days elapsed since entering study	0.878	0.757	1.000
Risk Ratio at 37 Days elapsed since entering study	0.872	0.748	0.996
Risk Ratio at 38 Days elapsed since entering study	0.865	0.738	0.993
Risk Ratio at 39 Days elapsed since entering study	0.859	0.729	0.989
Risk Ratio at 40 Days elapsed since entering study	0.853	0.720	0.986
Risk Ratio at 41 Days elapsed since entering study	0.846	0.710	0.982
Risk Ratio at 42 Days elapsed since entering study	0.840	0.701	0.979



## 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.

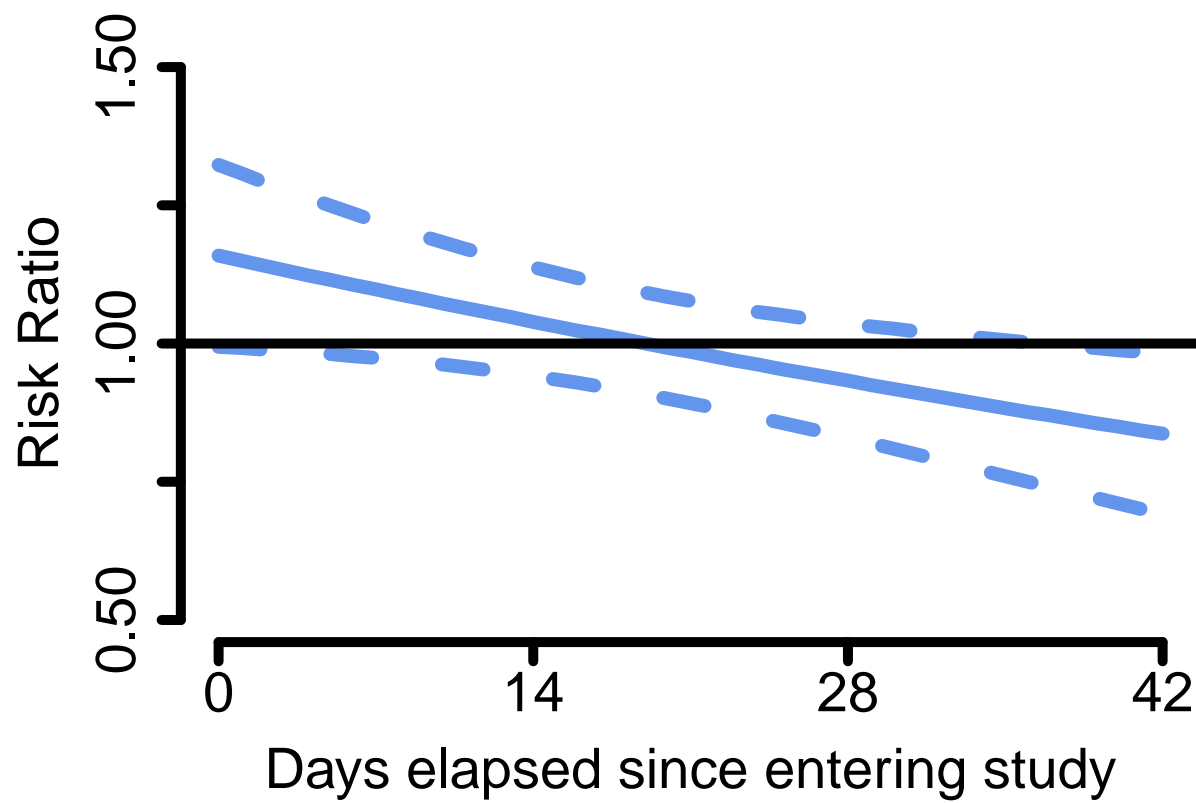
Decision Point	Number of Participants Excluded
3	1
4	1

### 3 Supplementary Results

Decision Point	Total No. Participants Included in Analysis	Total No. Participants Excluded from Analysis
1	425	166
2	425	166
3	424	167
4	424	167

	est	SE	p	95%CI: LB	95%CI: UB
<b>Control Covariates</b>					
Intercept	-0.615	0.087	0.000	-0.786	-0.444
No. of Days with any drinks	-0.094	0.092	0.306	-0.275	0.086
No. of Drinks per day	-0.098	0.066	0.138	-0.229	0.032
White (1=Yes, 0=otherwise)	0.060	0.082	0.464	-0.101	0.221
Female (1=Yes, 0=otherwise)	0.038	0.075	0.618	-0.110	0.186
<b>Causal</b>					
beta0	0.147	0.072	0.042	0.006	0.289
beta1 (Trt x Days since)	-0.008	0.003	0.012	-0.014	-0.002

	est	95%CI: LB	95%CI: UB
Risk Ratio at 0 Days elapsed since entering study	1.159	0.994	1.323
Risk Ratio at 1 Days elapsed since entering study	1.150	0.992	1.308
Risk Ratio at 2 Days elapsed since entering study	1.141	0.989	1.292
Risk Ratio at 3 Days elapsed since entering study	1.132	0.987	1.278
Risk Ratio at 4 Days elapsed since entering study	1.123	0.984	1.263
Risk Ratio at 5 Days elapsed since entering study	1.115	0.981	1.249
Risk Ratio at 6 Days elapsed since entering study	1.106	0.977	1.235
Risk Ratio at 7 Days elapsed since entering study	1.098	0.974	1.221
Risk Ratio at 8 Days elapsed since entering study	1.089	0.970	1.208
Risk Ratio at 9 Days elapsed since entering study	1.081	0.966	1.195
Risk Ratio at 10 Days elapsed since entering study	1.072	0.962	1.183
Risk Ratio at 11 Days elapsed since entering study	1.064	0.957	1.171
Risk Ratio at 12 Days elapsed since entering study	1.056	0.952	1.160
Risk Ratio at 13 Days elapsed since entering study	1.048	0.947	1.148
Risk Ratio at 14 Days elapsed since entering study	1.039	0.941	1.138
Risk Ratio at 15 Days elapsed since entering study	1.031	0.935	1.128
Risk Ratio at 16 Days elapsed since entering study	1.023	0.929	1.118
Risk Ratio at 17 Days elapsed since entering study	1.016	0.922	1.109
Risk Ratio at 18 Days elapsed since entering study	1.008	0.915	1.100
Risk Ratio at 19 Days elapsed since entering study	1.000	0.908	1.092
Risk Ratio at 20 Days elapsed since entering study	0.992	0.900	1.084
Risk Ratio at 21 Days elapsed since entering study	0.985	0.892	1.077
Risk Ratio at 22 Days elapsed since entering study	0.977	0.884	1.070
Risk Ratio at 23 Days elapsed since entering study	0.969	0.875	1.064
Risk Ratio at 24 Days elapsed since entering study	0.962	0.866	1.057
Risk Ratio at 25 Days elapsed since entering study	0.954	0.857	1.052
Risk Ratio at 26 Days elapsed since entering study	0.947	0.848	1.046
Risk Ratio at 27 Days elapsed since entering study	0.940	0.839	1.041
Risk Ratio at 28 Days elapsed since entering study	0.933	0.829	1.036
Risk Ratio at 29 Days elapsed since entering study	0.925	0.820	1.031
Risk Ratio at 30 Days elapsed since entering study	0.918	0.810	1.027
Risk Ratio at 31 Days elapsed since entering study	0.911	0.800	1.022
Risk Ratio at 32 Days elapsed since entering study	0.904	0.790	1.018
Risk Ratio at 33 Days elapsed since entering study	0.897	0.780	1.014
Risk Ratio at 34 Days elapsed since entering study	0.890	0.770	1.010
Risk Ratio at 35 Days elapsed since entering study	0.883	0.760	1.006
Risk Ratio at 36 Days elapsed since entering study	0.876	0.750	1.002
Risk Ratio at 37 Days elapsed since entering study	0.870	0.740	0.999
Risk Ratio at 38 Days elapsed since entering study	0.863	0.731	0.995
Risk Ratio at 39 Days elapsed since entering study	0.856	0.721	0.992
Risk Ratio at 40 Days elapsed since entering study	0.850	0.711	0.988
Risk Ratio at 41 Days elapsed since entering study	0.843	0.701	0.985
Risk Ratio at 42 Days elapsed since entering study	0.837	0.691	0.982



## 4 Appendix for ‘Supplementary Results’: 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

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

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	91
3	127
4	143

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



Table 9: No. of participant-decision points which were additionally excluded due to the fact that participants were not eligible for randomization at all decision points (e.g., if a participant was eligible for randomization at only the first and second decision point, but they were ineligible for randomization at the third and fourth decision point, then all their decision points were excluded)

Decision Point	Number of Participants Excluded
1	156
2	65
3	29
4	13