

Appendix B: Results of Moderators Analyses (H2, H3).

|                                   |   | Moderators Analysis<br>(N= 567) <sup>2</sup> |                       |            |
|-----------------------------------|---|--|-----------------------|------------|
|                                   |   | Beta   | SE<br>(95% CI)        | Exp (beta) |
| Moderation Analyses <sup>1</sup>  |   |  |                       |            |
| Control<br>Variables <sup>3</sup> | Number of drinking days                     | -.08   | .06<br>[-.20, .04]    | 0.92       |
|                                   | Number of drinks per day                    | -.04   | .04<br>[-.11, .04]    | 0.96       |
|                                   | Race (White=1; Otherwise=0)                 | .06  | .07<br>[-.09, .21]    | 1.06       |
|                                   | Gender (Female=1; Otherwise=0)              | .04  | .07<br>[-.09, .17]    | 1.04       |
|                                   | Number of days (since entering the study)   | -.01***                                      | .001<br>[-.01, -.005] | 0.99       |
| Causal<br>Effects                 | Prompt type (Self-Interest =1; Prosocial=0) | .01  | .09<br>[-.16, .18]    | 1.01       |
|                                   | Prompt type * Anxiety (baseline)            | -.004  | .02<br>[-.04, .03]    | 1          |
|                                   | Prompt type * Depression (baseline)         | .02  | .02<br>[-.02, .05]    | 1.02       |
|                                   | Prompt type * Stress (baseline)             | -.005  | .01<br>[-.03, .01]    | 1          |

\*\*\* $p < 0.001$

95% Confidence Intervals are provided in the square brackets— [lower bound, upper bound].

1. Hypotheses pre-specified (see open science protocol in Carpenter et al., 2021).

2. 14 participants were excluded from this analysis due to missing values in one or more of the candidate moderators

3. Although estimates pertaining to the control variables are provided for completeness, we caution readers against interpreting them since correct specification of this part of the model is not required to yield consistent estimates of the causal effect of the randomized engagement strategies (see Boruvka et al., 2016).