

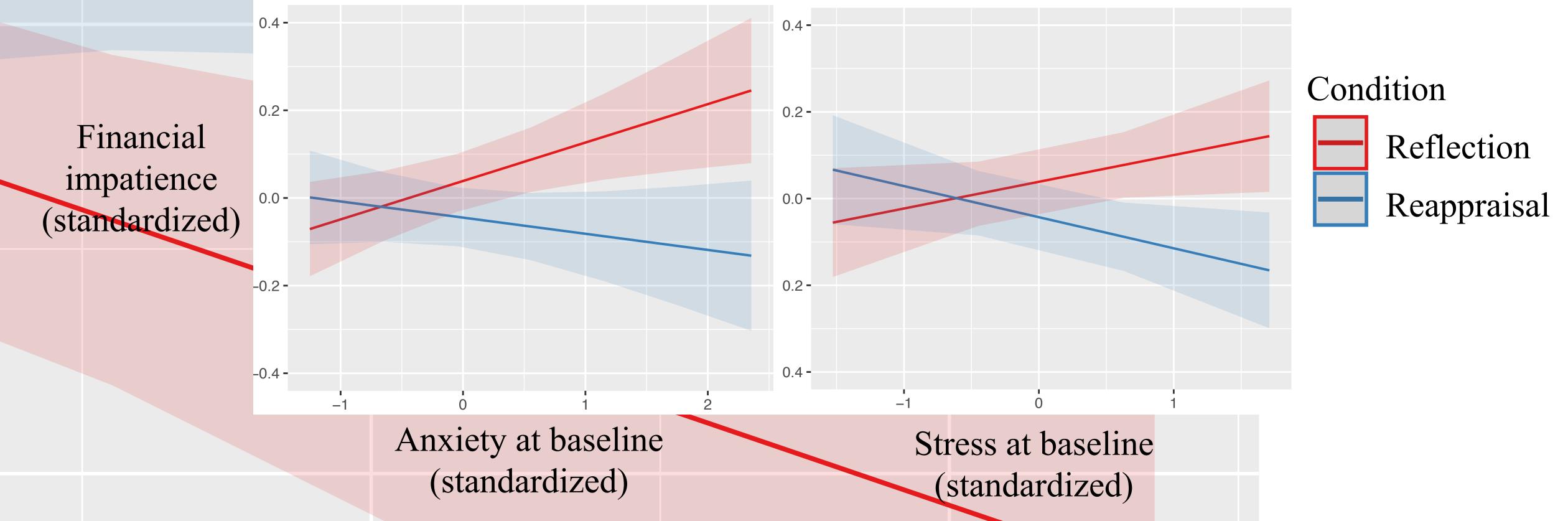


Method: Partnering with a large public service

providing organization, we recruited 1,744 U.S. essential workers. Participants were randomly trained online in either reappraisal or reflection techniques. Six months later, their financial choices were assessed via a lottery questionnaire, reminding them of one choice's potential real-world realization.

## Which strategy lowers financial impatience, reflecting on emotions or reappraising them?

- Among individuals reporting higher ( $\geq$  median) baseline anxiety (N = 1,052), the reappraisal (vs. reflection) intervention led to significantly lower financial impatience (p = .005, d = -.17, 95% CI = [-.29, -.05]).
- Among individuals reporting higher ( $\geq$  median) baseline stress (N=1,547), the reappraisal (vs. reflection) intervention led to significantly lower financial impatience (p=.021, d=-.12, 95% CI = [-.22, -.02]).



## Which processes account for the difference?

Reappraisal engagement, a factor score based on beliefs in the effectiveness of reappraisal and intentions to use reappraisal in the future, significantly mediated the differences in financial impatience among individuals with higher baseline anxiety (indirect effect p = .023, proportion = .10) and stress (indirect effect p = .008, proportion = .15).

- The findings demonstrate the efficacy of a reappraisal intervention in reducing impatience on real intertemporal choices in a field setting. They add to the small but emerging body of evidence that emotion regulation can influence decision-making (e.g., risk-taking: Heilmam et al., 2010; loss aversion: Sokol-Hessner et al., 2009; framing: Miu & Crişan, 2011; interpersonal decisions: van't Wout et al., 2010).
- The findings reveal the importance of considering both individual characteristics and cognitive processes in optimizing emotion regulation techniques for enhanced decision-making abilities.
- ➤ By conducting a field experiment among essential workers, the research reveals the potentially widespread applicability of the intervention on reducing financial impatience.