


“99% of Gamblers Lose in the Long Run”: An Experimental Comparison of Novel and Pre-Existing Harm Prevention (Safer Gambling) Messages Warning About the Likelihood of Losing Money

Philip Newall¹ ^a, Leonardo Weiss-Cohen², Elena Petrovskaya³, Jamie Torrance⁴, Madison Palmer¹, Leon Xiao⁵

¹ School of Psychological Science, University of Bristol, Bristol, UK, ² School of Psychology, University of Nottingham, Nottingham, UK, ³ School of Psychology Sport Science & Wellbeing, University of Lincoln, Lincoln, UK, ⁴ School of Psychology, Swansea University, Swansea, UK, ⁵ School of Creative Media, City University of Hong Kong, Hong Kong, China

Keywords: Gambling messaging, public health, population health, gambling-related harm, responsible gambling

<https://doi.org/10.1525/collabra.137306>

Collabra: Psychology

Vol. 11, Issue 1, 2025

Declarations

PN is a member of the Advisory Board for Safer Gambling – an advisory group of the Gambling Commission in Great Britain. In the last three years, PN has contributed to research projects funded by the Academic Forum for the Study of Gambling, Alberta Gambling Research Institute, BA/Leverhulme, Canadian Institute for Health Research, Clean Up Gambling, Gambling Research Australia, and the Victorian Responsible Gambling Foundation. PN has received honoraria for reviewing from the Academic Forum for the Study of Gambling and the Belgium Ministry of Justice, travel and accommodation funding from the Alberta Gambling Research Institute and the Economic and Social Research Institute, and open access fee funding from the Academic Forum for the Study of Gambling and Greo Evidence Insights.

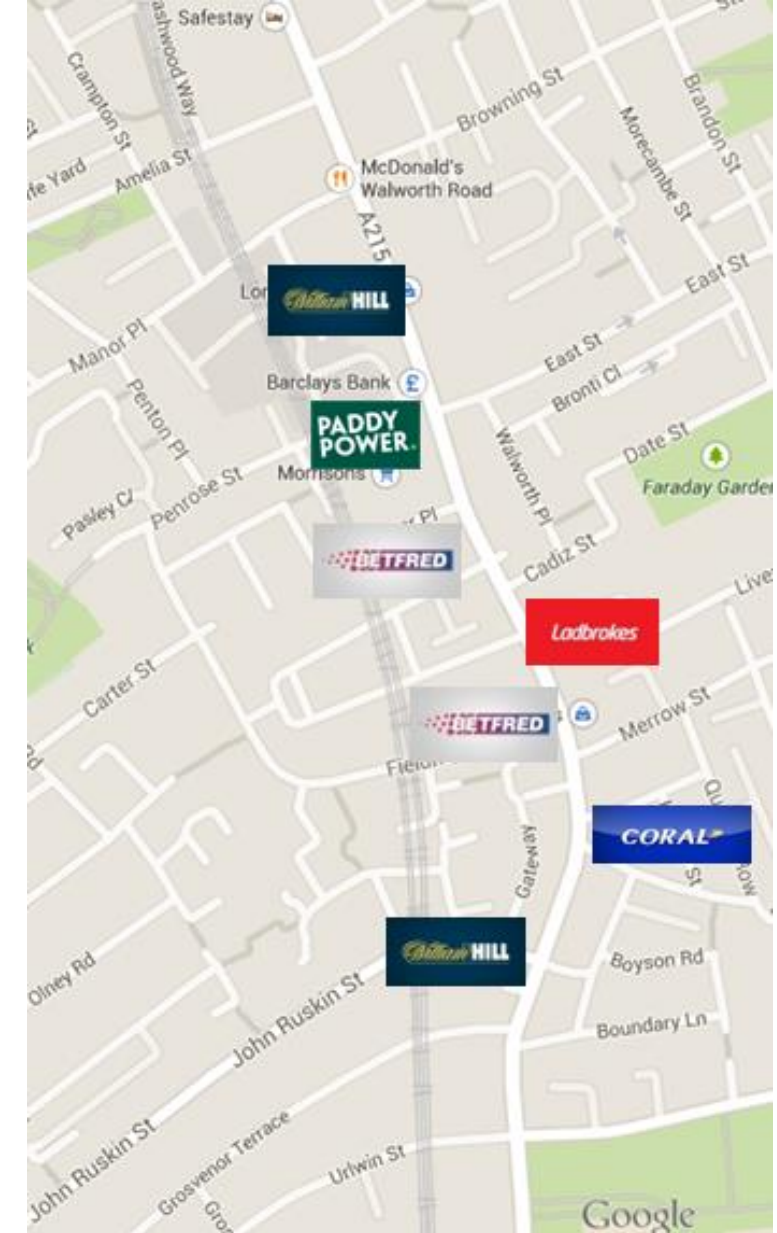


Gambling in the UK

This article is more than 6 years old

Children 'bombaraded' with betting adverts during World Cup

ITV ran almost 90 minutes of gambling ads from start of tournament until Croatia v England



University of
BRISTOL

UK Policy reform

Mandatory £100m a year taken from gambling industry, and allocated independently to:

50% treatment

20% research

30% prevention (e.g., commercials, static adverts, messages)

Consultation outcome

**Government response to the
consultation on the structure,
distribution and governance of the
statutory levy on gambling operators**

Updated 27 November 2024



University of
BRISTOL

Independent Australian messages (since 2023)

Imagine what you could be buying instead.

positive emotional

Think. Is this a bet you really want to place?

self-appraisal

What are you really gambling with?

What's gambling really costing you?

Chances are you're about to lose.

likelihood of losing
warning

You win some. You lose more.

What are you prepared to lose today? Set a deposit limit.

Other losing warnings

99% of gamblers lose in the long run

Rockloff et al., 2024

Gambling comes at a cost

GambleAware, 2024

Whether you win or lose, the gambling companies are always the real winners

Davies et al., 2022

What does gambling cost you? Stop in time

De Jans et al., 2023

Odds are: they win

Mills et al., 2023

Totally novel warnings

Odds are: you lose (instead of “Odds are: they win”)

Gambling adverts show people winning, but most gamblers lose overall

Newall, P., Walasek, L., & Ludvig, E.A. (2020). Equivalent gambling warning labels are perceived differently. *Addiction*.

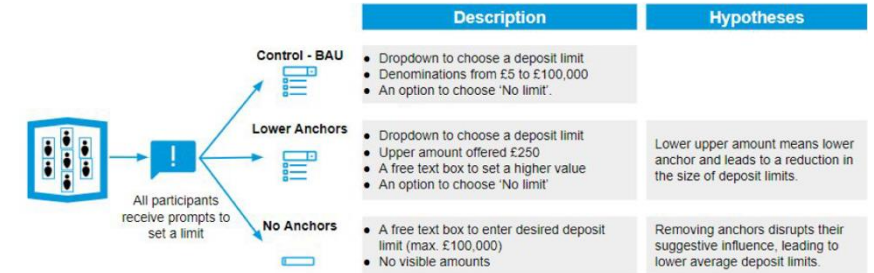
Torrance, J., Russell, A.M.T., Heath, C., & Newall, P. (2025). The effect of a brief intervention video on gambling advertising resistance: Results of a randomized, on-line experimental study. *Addiction*.



University of
BRISTOL

Potential methodologies

Randomized controlled (field) trial



Simulated gambling task



Self-report study

*"This message is relevant to me" and
"This message is relevant to people experiencing gambling harms"*

Strongly Disagree Disagree Somewhat Disagree Neutral Somewhat Agree Agree Strongly Agree

○ ○ ○ ○ ○ ○ ○

Our study

4,025 UK-based gamblers recruited online via Prolific

Shown each of the 10 messages in random order

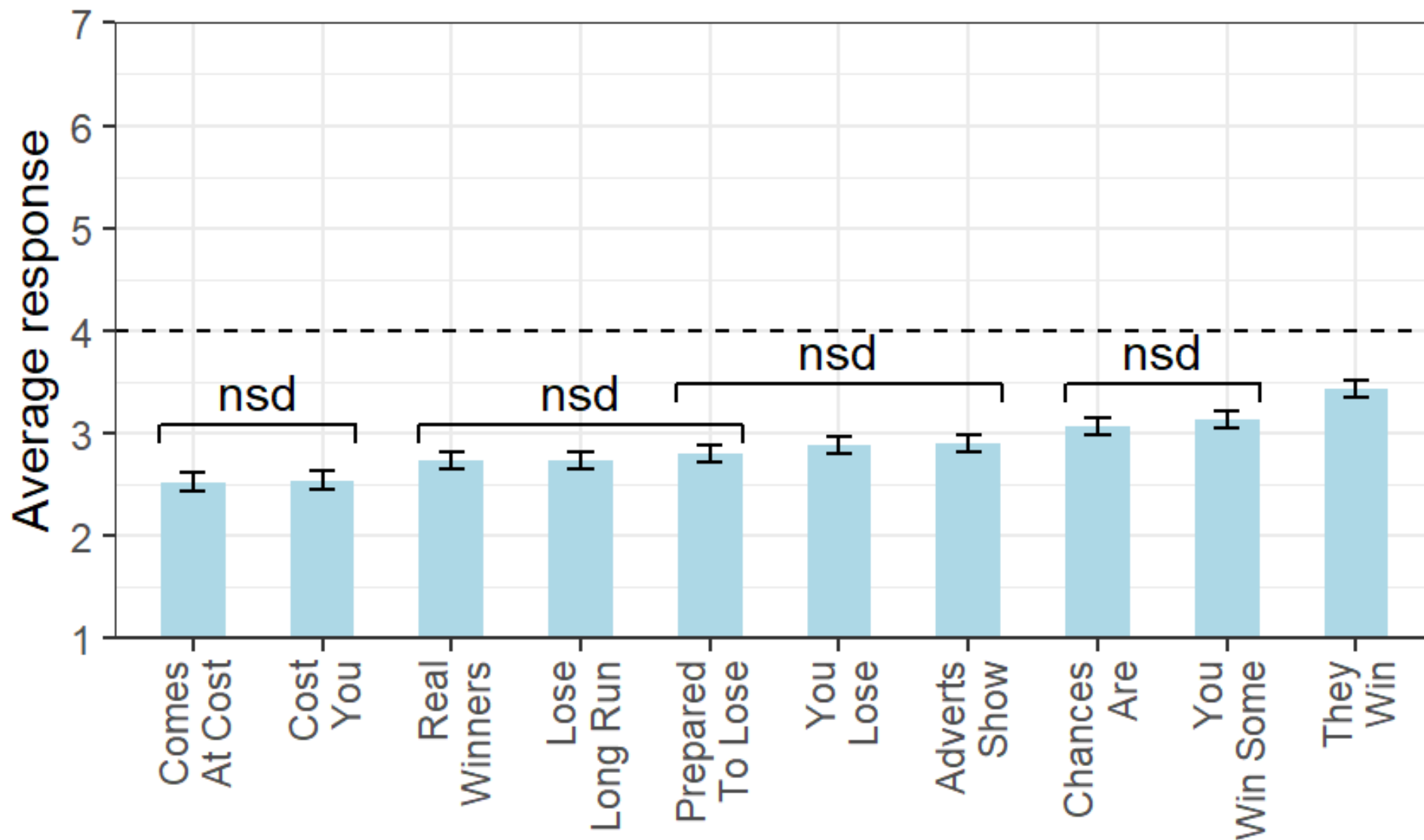
“This message challenges me to try to win at gambling” (backfire!)

“This message makes me want to gamble less”

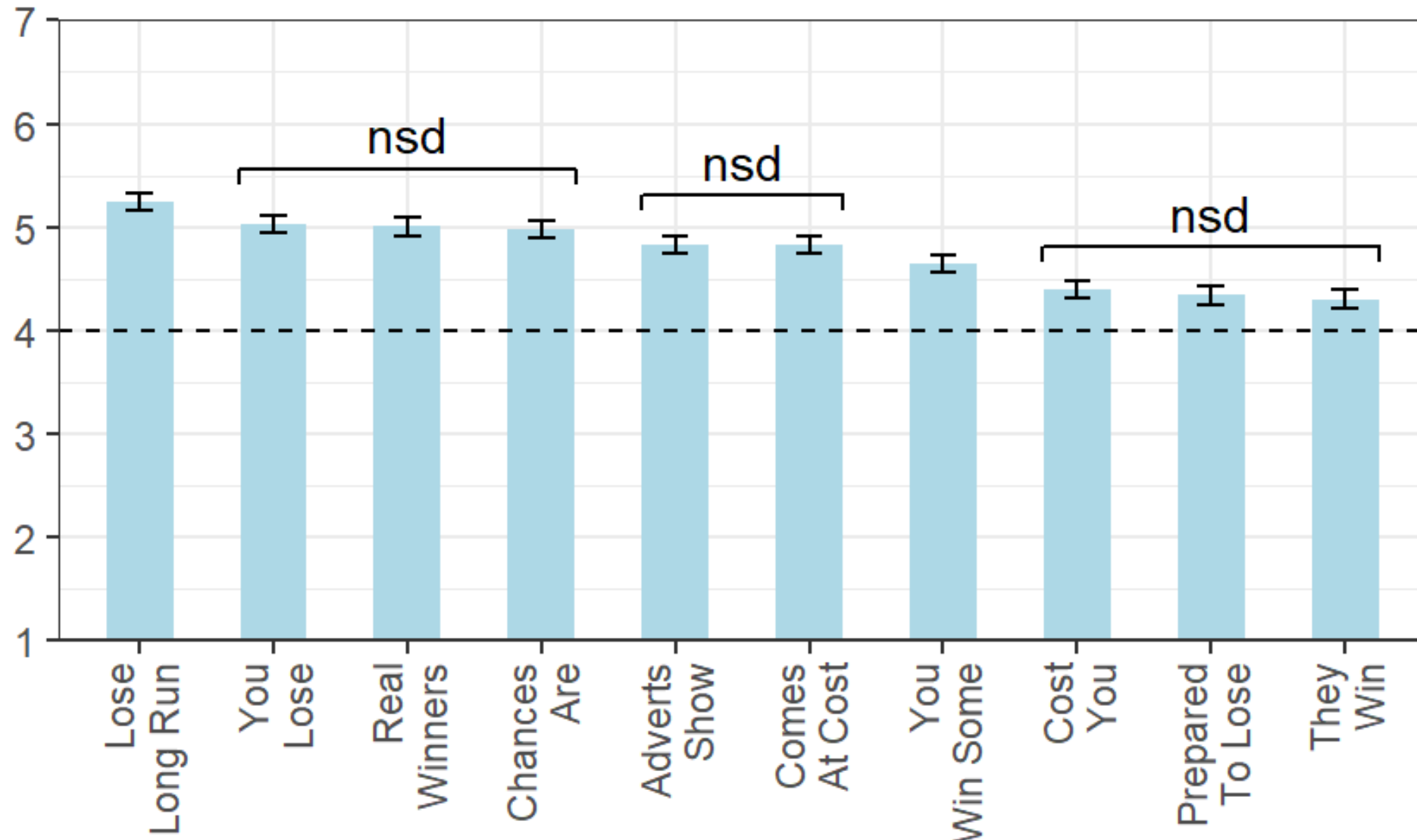
“This message is relevant to me”

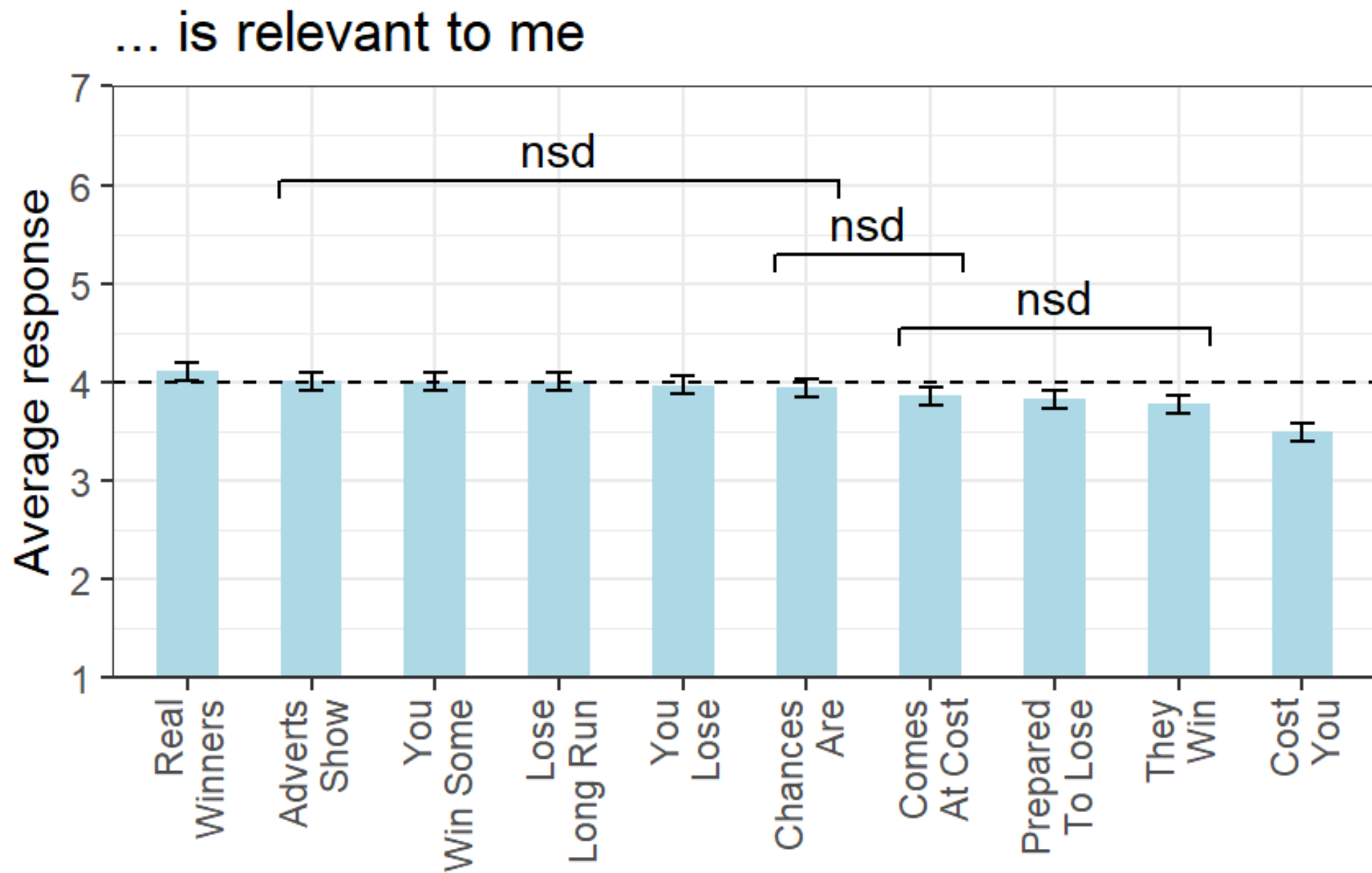
“This message is relevant to people experiencing gambling harms”

... challenges me to try to win at gambling

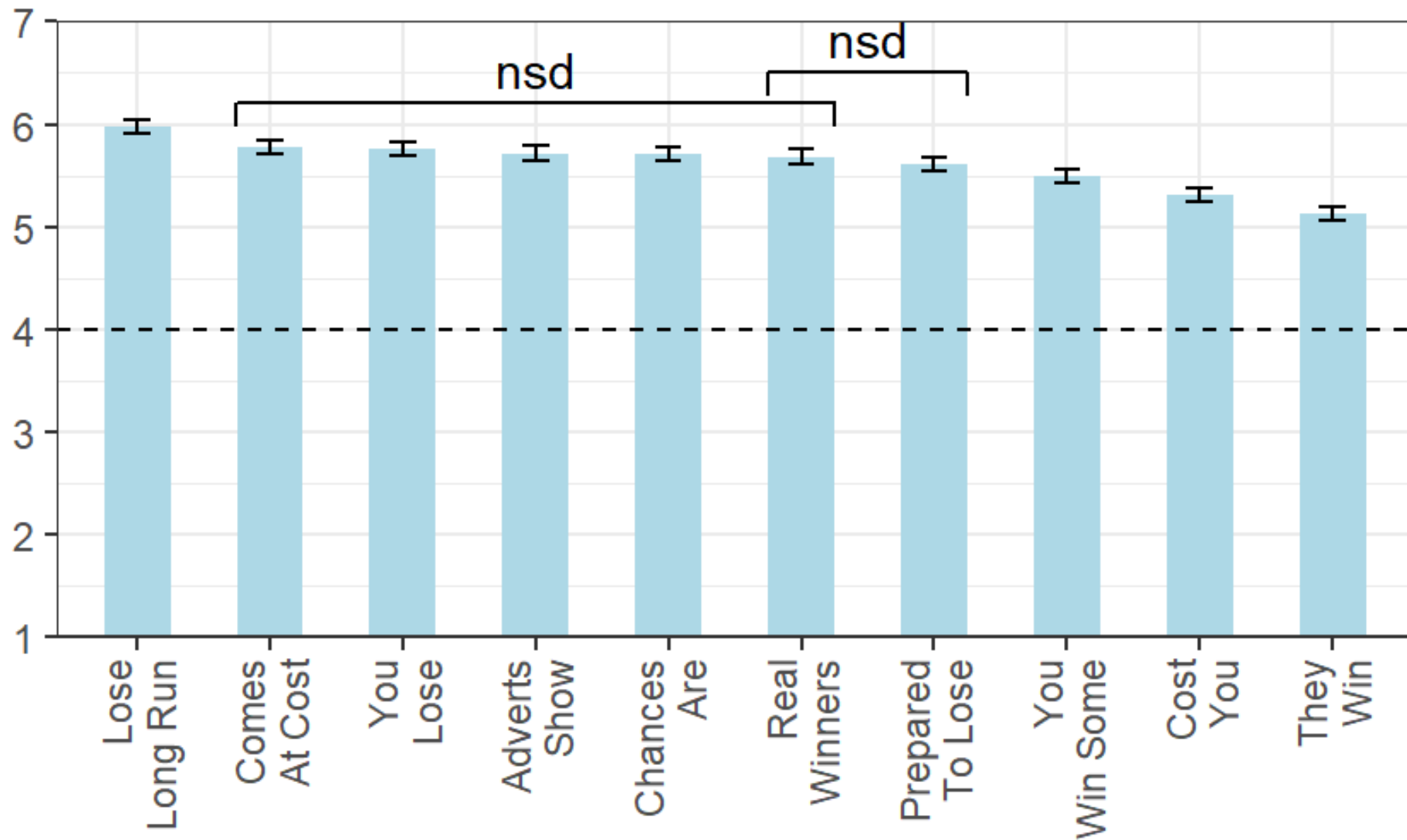


... makes me want to gamble less





... is relevant to people experiencing gambling harms



Averaging over the messages

Overall Rank	Average Rank	Message
1	2.5	99% of gamblers lose in the long run
2	3.25	Whether you win or lose, the gambling companies are always the real winners
3	4	Odds are: you lose
3	4	Gambling comes at a cost
5	4.5	Gambling adverts show people winning, but most gamblers lose overall
6	5.75	Chances are you're about to lose
7	6.75	You win some. You lose more
8	7.25	What are you prepared to lose today? Set a deposit limit
8	7.25	What does gambling cost you? Stop in time
10	9.75	Odds are: they win

Conclusions

The 5 messages in current use ranked the least well – research can help increase the effectiveness of this intervention!

However, messages not seen by no-risk gamblers as being relevant to them, suggesting that this intervention might work best if shown in environments with many high risk gamblers (e.g., online gambling platforms)

Thanks for your attention!

Overall Rank	Average Rank	Message
1	2.5	99% of gamblers lose in the long run
2	3.25	Whether you win or lose, the gambling companies are always the real winners
3	4	Odds are: you lose
3	4	Gambling comes at a cost
5	4.5	Gambling adverts show people winning, but most gamblers lose overall
6	5.75	Chances are you're about to lose
7	6.75	You win some. You lose more
8	7.25	What are you prepared to lose today? Set a deposit limit
8	7.25	What does gambling cost you? Stop in time
10	9.75	Odds are: they win

Newall, P., Weiss-Cohen, L., Petrovskaya, E., Torrance, J., Palmer, M., & Xiao, L.Y. (2025).
“99% of gamblers lose in the long run”: An experimental comparison of novel and pre-existing
harm prevention (safer gambling) messages warning about the likelihood of losing money.
Collabra: Psychology.