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August 7, 2019

Dear Jeremy Berg.

Please consider our manuscript "Alcohol plays an instrumental role in the link between football and domestic abuse: evidence from England" for publication as a Research Article in *Science Advances*. Previous studies have suggested a potential link between football and domestic abuse, but the characteristics of this relationship (including its causal nature), and the extent to which alcohol contributes to it has not yet been investigated. Exploring the pathways through which football tournaments increase propensity for violence will deepen our understanding of the environments that precipitate domestic abuse, and can inform the design of effective policy measures.

Our results show that the number of reported alcohol-related domestic abuse cases increases by 61% following an England victory in a national football tournament, while there is no comparable effect on non-alcohol related domestic abuse. This effect is specific to male-to-female cases, and its time course is strongly consistent with a causal link between England's victory and an increase in alcohol-related domestic abuse. We also find a comparable increase in other, violent, male to female, alcohol-related offences on England win days. These results strongly implicate masculinity construction and alcohol consumption as the pathway through which football increases male-perpetrated violence against women. In addition, we find that national rugby tournaments have no comparable effects on the reported number of domestic abuse cases. The effect survives various robustness checks, including a re-analysis of data used in a previous study.

Our study significantly advances our understanding of the link between the world's most popular sport and domestic abuse, and we believe it fits *Science Advances*' multidisciplinary profile. We would like to suggest Jonathan N. Katz as a potential Deputy Editor, Jennifer Earl as a potential Associate Editor, and Kath Woodward (The Open University), John Williams (University of Leicester), Paul J. Fleming (University of Michigan), Kerry O'Brien (Monash University) as reviewers. We confirm that this manuscript has not been published elsewhere, and is not under consideration by another journal.

Thank you for your time and consideration.

Sincerely,

Anna Trendl