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Dear Editor

We wish to submit an original research article entitled "Drop out prediction in sport centers. Definition of models and reproducibility" for consideration by Retos, Nuevas Tendencias en Educación Física, Deportes y Recreación,

We confirm that this manuscript represents results of original work that have not been published elsewhere. This manuscript has not and will not be submitted for publication elsewhere until a decision is made regarding its acceptability for publication in Retos. If accepted for publication, it will not be published elsewhere.

In this paper, we show that dropouts at a sports centers can be predicted according to previous user behaviour. This is significant because the segmentation of users based on the likelihood of drop out, the identification of behaviour variables that predict such drop out and the confirmation of the effectiveness of the predictive model, can help to optimize the design of loyalty strategies to prevent the abandonment of physical activity practice.

We have no conflicts of interest to disclose. We have no external financial support. Please, note that the data were provided by the management company which permitted their analysis. The methods and procedures conformed to the Declaration of Helsinki and Personal Data Protection Law, and were checked and approved by the Research Committee of the University of A Coruña. All authors acknowledge ethical responsibility for the content of the manuscript and will accept the consequences of any ethical violation.

Please address all correspondence concerning this manuscript to me at Jorge.garciaunanue@uclm.es

Thank you for your consideration of this manuscript

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