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Dear Editor of the Pattern Recognition Letters journal,

We are pleased to submit to your journal our latest work on regression trees and circular variables. We think this work is highly relevant for this journal as it contains a deep study on how circular variables can be used in regression trees. Our proposed methodology opens the door to numerous applications, such as time series analysis or directional data, to make use of this new way of analyzing data.

This work is also a continuation of a previous one, which we sent for consideration to this same journal. The title of the previous submission was "Circular variables in regression trees: a case study in wind speed forecasting", which was rejected because it did not address some fundamental questions.

This new version offers a completely different way of looking at the same problem. Following the advice from the reviewers and reflecting on the value of our work we are confident to say that we have produced a high quality publication. We have invested our efforts in making a comprehensive study of the theoretical differences between the different versions of circular regression trees and we have designed a series of experiments to highlight the differences between them.

We hope that you find our work as interesting as we do and it would be a pleasure for us to have it published in your journal. Please do not hesitate to contact us for any question related to this manuscript.

Sincerely yours,

Pablo Rozas Larraondo