

# Synthesis and Characterization of Polyhydroxyalkanoate/Graphene Oxide/Nanoclay Bionanocomposites: Experimental Results and Theoretical Predictions via Machine Learning Models

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## Supporting information

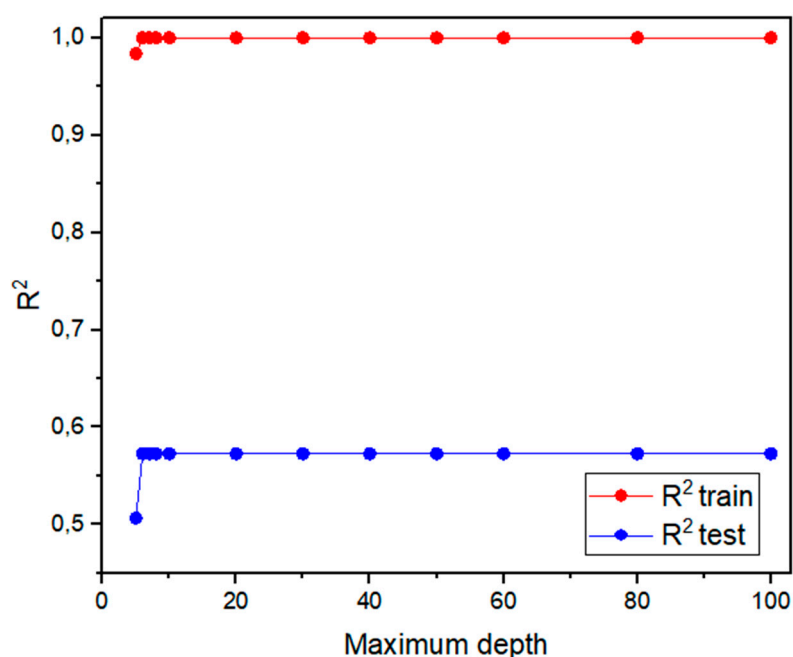


Figure S1. Relationship between the coefficient of determination and the depth of the decision tree for the prediction of the tensile strength

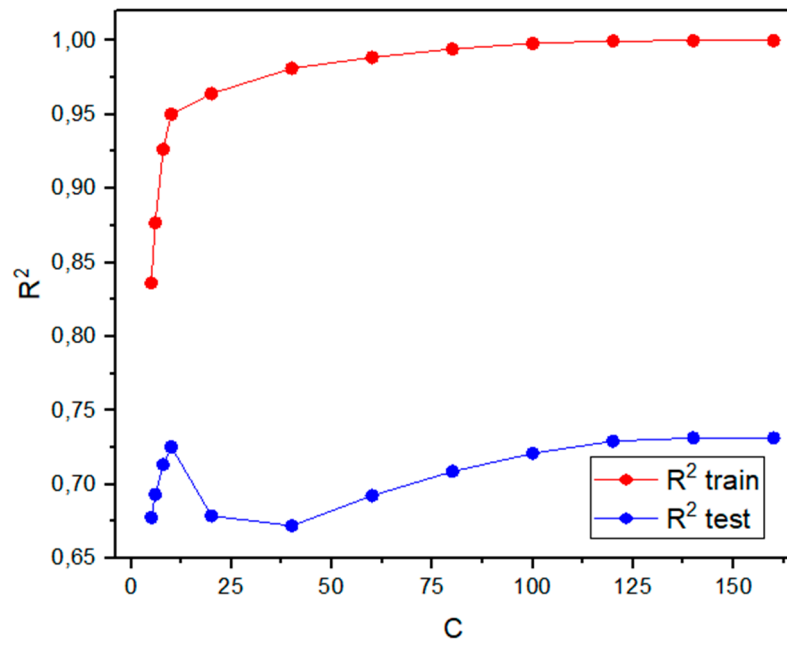


Figure S2. Relationship between the coefficient of determination and the regularization parameter  $C$  for the prediction of the tensile strength using SVM regression

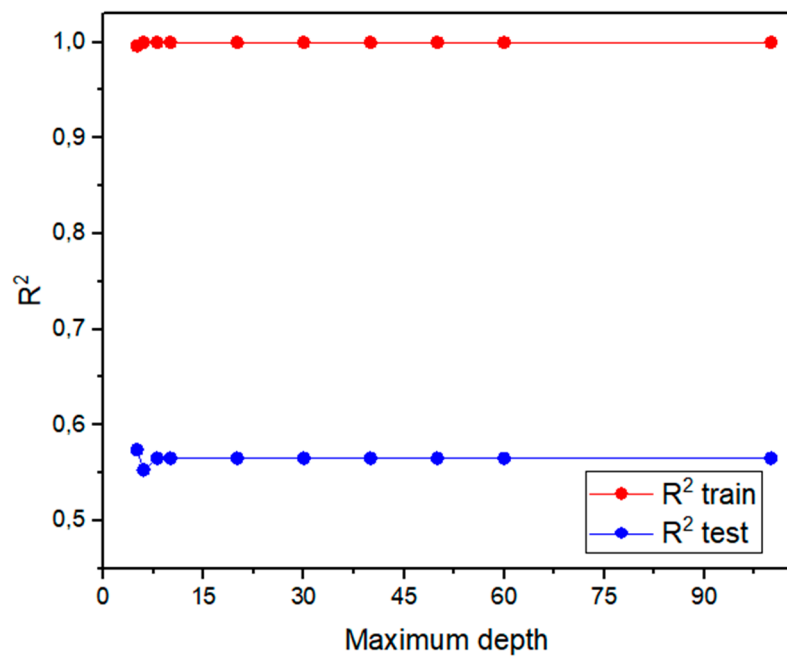


Figure S3. Relationship between the coefficient of determination and the depth of the decision tree for the prediction of the strain at break

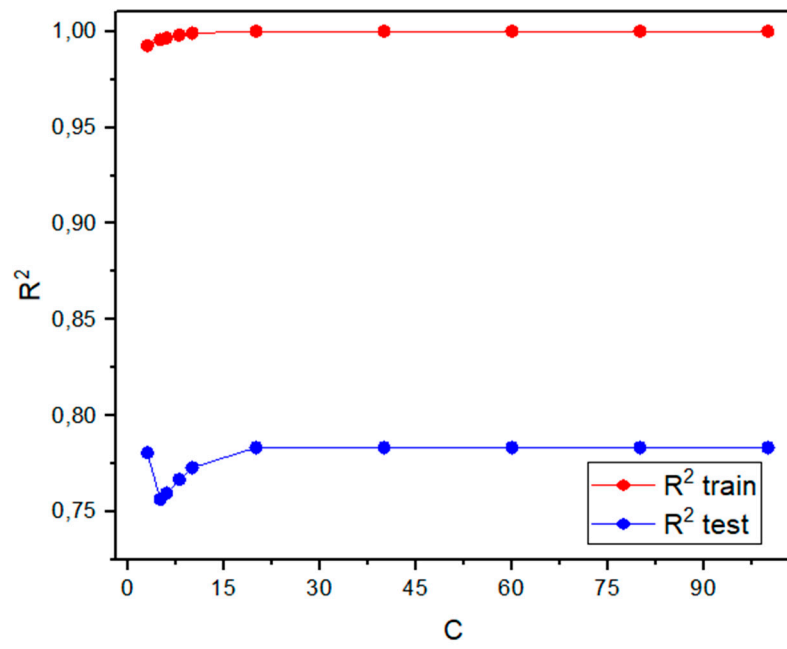


Figure S4. Relationship between the coefficient of determination and the regularization parameter  $C$  for the prediction of the strain at break using SVM regression