Insight Predictions by Gender for The Victim-Recruiter Relationship In Romania*

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Abstract

The study focuses on building a predictive model that can accurately predict the gender status of victims, identifying the most relevant predictors for the human trafficking cases. The study of this phenomenon is important to evaluate better prediction insights that can effectively be used by the policy makers in the fight against it.

The dataset included in our analysis relies on data from the National Agency against Trafficking in Persons in Romania (ANTIP). The methodology in the present study uses CART popular machine learning technique for classification. Obtained results reveal that the constructed model classifies the victim as female or male with an accuracy of 82,5%.

Keywords: human trafficking, vulnerability, CART, gender dimension, Romania