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Domestic Violence as a Role Model Behavior: A Machine Learning Approach

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ABSTRACT

This study analyzes the paths of partner violence caused by observing the violence between father and father in childhood. This means that the study analyzes the role of both males' and females' childhood experiences of observing violence in their nuclear families on using or facing domestic violence in their current relationships via machine learning algorithms. The data used in the study is from the Turkish National Survey of Domestic violence conducted in 2008 and 2014. Preliminary results show that witnessing domestic violence in childhood increases the probability of using domestic violence in the current relationship for males. For females, on the other hand, corresponding childhood experience increases the probability of being a domestic violence victim in the current relationship with an intimate partner. The results probably stem from mimicking the role model behavior observed in childhood in older ages.

KEYWORDS D19; J12; J16