



Prediction of Diabetes using Supervised Learning Approach

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1. Round 1

1.1 Reviewer 1

Date: 01 March 2024

Reviewer:

The abstract mentions "Pearson correlation coefficients and multiple regression analysis" without specifying the exact findings. Consider adding specific statistical values to enhance clarity and precision.

Clarify the statement "Alexithymia refers to a lack of words for feelings and emotions..." by providing a more detailed explanation or additional context. Including an example might help in understanding the concept better.

The description of the inclusion criteria (e.g., "not simultaneously suffering from a serious physical illness") is somewhat vague. Specify what constitutes a "serious physical illness" and how it was assessed or ruled out.

The sentence "Correlation methods including Pearson correlation coefficient and regression were used..." should specify the types of regression analyses conducted (e.g., linear, logistic) to provide more methodological clarity.

Table 1: Ensure that all abbreviations used in the table (e.g., DIE, DDE, EOT) are defined in the table caption or a footnote for ease of understanding.

The interpretation of the correlation coefficients (e.g., "The relationship between the flight system and theory of mind deficits...") should discuss the strength of these relationships in more detail. Are these considered weak, moderate, or strong correlations?

The discussion of the findings related to Alexithymia (e.g., "The findings demonstrated that there is a significant relationship between difficulties in identifying emotions...") should compare these results with previous studies to highlight similarities or discrepancies.

The paragraph "In explaining this finding it can be stated that an individual's nature, developmental experiences..." would benefit from more specific examples or empirical studies that support these claims about the etiology of personality disorders.

Authors revised the manuscript and uploaded the updated document.

1.2 Reviewer 2

Date: 10 March 2024

Reviewer:

In the paragraph beginning with "Sexual offenses are predominantly defined..." please include citations for the claim that "cognitive distortions" play a role in aggressive sexual behaviors. This will strengthen the argument with empirical support.

The sentence "Furthermore deficits in the theory of mind of sexual offenders have become a significant and controversial topic..." could benefit from a more recent reference to indicate ongoing relevance. Consider updating with studies from the last five years.

The sample size mentioned in "The sample included 90 male sexual offenders..." differs from the number used in the analysis (80). Please clarify the discrepancy or provide an explanation for the drop in participants.

For the "Reading the Mind in the Eyes Test," include more detail about the scoring process and the validity of this measure in diverse populations. This will provide a more comprehensive understanding of its application.

In the section on "Dark Personality Traits," the description of the Dirty Dozen scale should include how the 12 items specifically measure the three traits (Narcissism, Machiavellianism, and Psychopathy). A breakdown of these items could be helpful.

The concluding sentence of the paragraph starting with "Criminals have cognitive characteristics..." should be elaborated to explain what specific interventions or educational programs could be developed based on these findings.

The sentence "It is essential to note that the present study only indicates the significance of the relationship between variables and cannot definitively state which variable is a cause for the precedent of another" would benefit from a recommendation for future research directions that could address these causality issues.

Authors revised the manuscript and uploaded the updated document.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.