Review of: "Analysis of Factors Influencing Health and Safety Programmes in Selected Electricity Distribution Companies"

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Potential competing interests: No potential competing interests to declare.

Overview of the article:

- The primary aim of this research is to examine the various factors that have an impact on the health and safety programs implemented by electrical distribution companies in the southwestern region of Nigeria. Additionally, the study seeks to investigate the effects of these influencing factors on the overall health and safety program. In order to accomplish these objectives, the authors utilized a statistical tool known as the P-Value.

Comments / Observations:

- The article lacks professionalism and does not meet the standards for publication due to its lack of originality and absence of statistical analysis.
- The article includes an extensive literature review but fails to identify a research gap.
- In the abstract, the t and P values are presented for four influencing factors: management factors, environmental factors, organizational factors, and human factors. However, Table 4.7 displays five predictors from these four influencing factors.
- The author does not discuss the influence factors to which the predictors MCPN, MCEER, FECP, MMSPR, and HF belong.
- While the t values for these predictors are provided in Table 4.7, they differ from the values presented in the abstract. The author should address this discrepancy.

Overall comment:

The article demonstrates a deficiency in novelty and relies on conventional statistical analysis, despite the existence of hybrid Machine Learning algorithms that have been shown to offer superior accuracy and predictability.

Suggested improvements:

- In section 4, it is recommended to include a histogram with a normal distribution plot if the data adhere to a normal distribution. The internal consistency of the quaternaries is to be presented in this section as well.
- It is advisable to utilize machine learning algorithms to analyze the impact of influential parameters on the health and

safety programme.

- Table 4.8 is referenced in section 5, but it appears that Table 4.7 is the correct table. Kindly verify this discrepancy.