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REVIEWER'S REPORT

Manuscript No.: IJAR-59704

Title: AI Adoption in Australias Health Care and Social Assistance Industry: An Exploratory Quantitative Analysis of ABS Secondary Data

Recommendation:
Accept as it is……..
Accept after minor revision□√□□
Accept after major revision….. □□□□□
Do not accept (*Reasons below*) □□□

Rating	Excel.	Good	Fair	Poor
Originality		√		
Techn. Quality		√		
Clarity		√		
Significance		√		

Reviewer ID: JPR-294

Reviewer□s Comment for Publication.

The manuscript addresses a relevant and emerging research topic by examining artificial intelligence adoption in Australia's Health Care and Social Assistance industry using secondary data from the Australian Bureau of Statistics. The study provides a useful comparison between healthcare-sector AI adoption and national business adoption rates, supported by descriptive statistics and exploratory regression analysis. The research questions are clearly stated, and the methodology, statistical findings, and limitations are presented in a generally systematic manner. The distinction between reported AI use and actual clinical implementation is particularly valuable. However, some minor revisions are recommended before publication. The authors should strengthen the discussion of the practical implications of the findings for healthcare organisations, provide further justification for using an unweighted regression model with only 17 industry observations, and clarify the implications of rounded aggregate data for statistical interpretation. The relevance and consistency of some references should also be reviewed, particularly those that appear indirectly related to the central research topic. Minor improvements in language, formatting, and presentation of tables and figures would further enhance the manuscript. Overall, the study makes a useful contribution to understanding AI adoption in the Australian healthcare sector and is suitable for publication after minor revision.