

REVIEWER'S REPORT

Manuscript No.: IJAR-54976

Title: Predictive Value of Emotional Intelligence and Correlation Between Emotional Intelligence and Academic Achievement Among Medical Students.

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 Name: Dr. Kalidoss

Detailed Reviewer's Report

Evaluation

- Clear but slightly long.
- Could be strengthened by indicating it is a cross-sectional observational study.

Suggested title improvement:

“Predictive Value of Emotional Intelligence for Academic Achievement: A Cross-Sectional Study among Medical Students”

ABSTRACT

Strengths

- Contains background, objective, method, results, and conclusion.
- Gives a clear summary.

Weakness

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- Language errors (e.g., spacing, missing articles).
- Results section is unclear—should emphasize the statistical findings more precisely.
- Predictive value is mentioned but weakly presented.

Recommendation

Rewrite for clarity and precision.

Example:

- Replace "These results showed very weak nature of the relationship" → "The findings indicate a very weak relationship..."

INTRODUCTION

Strengths

- Good theoretical background.
- Includes history of EI (Mayer, Salovey, Goleman).
- References support the context.

Weaknesses

- Long, scattered, and lacks logical flow.
- Some sentences are grammatically incorrect or incomplete.
- Needs stronger justification for the study.
- Mixing emotional intelligence with spirituality (irrelevant to the stated objective).

Recommendations

- Tighten the literature review.
- Keep content relevant to medical students.
- Clearly highlight gaps in Pakistani context.

MATERIALS AND METHODS

Strengths

- Design, sampling, tools, procedure, and statistical methods are clearly described.
- Ethical processes (consent, confidentiality) mentioned.

Weakness

- Sampling: "simple randomization" unclear—online form distribution contradicts true randomization.
- Sample size calculation formula needs proper citation.
- Limitations such as COVID-19 significantly affected methodology.
- Emotional Intelligence Competency Inventory (EICI) validity in Pakistani population not discussed.

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Recommendations

- Clarify sampling method.
- Provide reliability and validity references for EICI.
- Explain why second-year MBBS students were selected.

RESULTS

Strengths

- Tables are clear.
- Psychometric reliability is provided.
- Regression and correlation analysis appropriately used.

Weakness

1. Gender percentages are reversed. Table says 30.9% males and 69.1% females, but explanation text says the opposite.
2. Regression $R^2 = 0.07$ is extremely low—must be explained.
3. T-tests for gender differences need clearer interpretation.
4. Use consistent formatting for tables.

Recommendations

- Correct gender distribution explanation.
- Provide effect size for regression (small effect).
- Discuss why only self-awareness is significant.

DISCUSSION

Strengths

- Attempts to compare with previous studies.
- Notes contradictory findings.

Weaknesses

- Lacks depth and theoretical explanation for negative correlations.
- Several grammatical issues and incoherent sentences.
- Literature cited is sometimes irrelevant (spiritual intelligence, nursing studies).

Recommendations

- Discuss possible cultural, academic stress, and measurement factors affecting EI.
- Provide stronger reasoning for negative correlation with self-awareness.
- Improve coherence of scientific argument.

CONCLUSION

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Strengths

- Summarizes key findings briefly.

Weaknesses

- Does not reflect implications for practice or educational policy.
- Too general.

Recommendations

- Add implications for curriculum design, counseling, and EI training programs.

LIMITATIONS

Strengths

- Well-detailed and honest.
- Mentions COVID-19 constraints, sample issues, and language barriers.

Weaknesses

- Some limitations are repetitive.
- Could be more concise.

REFERENCES

Strengths

- Wide range of studies cited.
- Mix of classic and recent sources.

Weaknesses

- Formatting inconsistent.
- Several references repeated (e.g., Suleman et al. twice).
- URLs included directly (should follow journal citation style).
- Citation numbering not consistent.

Recommendations

- Follow the journal's required citation style (APA, Vancouver, etc.).
- Remove duplicate references.
- Ensure all in-text citations appear in reference list.

LANGUAGE AND GRAMMAR

Weakness

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- Frequent grammatical errors.
- Typos (e.g., “informed consent were”, “didn’t return and 6 were incomplete”).
- Missing spacing and punctuation.

Recommendation

Needs full language editing for clarity, coherence, grammar, and academic tone.

OVERALL ASSESSMENT

Strengths

- Relevant topic for medical education.
- Uses standard EI instrument.
- Clear statistical analysis.
- Ethical procedures properly followed.

Areas That Need Improvement

1. Major language editing.
2. Stronger theoretical justification.
3. Clearer methodology description.
4. More rigorous discussion.
5. Correct formatting and reference style.

Overall Verdict

Major Revision required before suitability for publication.