14.

Contents

Introduction

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English   The discussion and conclusion sections are the "intellectual core" of a manuscript, bridging results, interpretation, contributions, and limitations. High-quality discussion elevates scholarly value and readability, while innovative expression helps reviewers quickly identify the core contribution. Common issues include:

Repeating results

Over-speculation or incorrect causal inference

Vague statement of novelty

This white paper provides strategies for writing logically clear, innovatively expressed, and reviewer-friendly discussion and conclusion sections.

|Functions and Structure of the Discussion Section

1

2

3

4

5

English

Interpret results: relate to hypotheses and research questions

Theoretical implications: link to previous studies, highlight contribution

Methodological reflection: discuss potential bias or limitations

Practical implications: suggest policy or practice relevance

Future research: guide subsequent investigation

Structure example:

Paragraph 1: summarize key findings

Paragraph 2: compare with prior research

Paragraph 3: explain unexpected results

Paragraph 4: methodological reflection and limitations

Paragraph 5: practical implications and future research

| Principles of Writing the Discussion Section

English

Logical coherence: results   interpretation   implications

Evidence-based: avoid unsupported speculation

Comparative analysis: clarify alignment or deviation from prior studies

Highlight novelty: clearly state research contribution

Acknowledge limitations: honestly present methodological or data constraints

| Functions and Strategies for the Conclusion Section

1-2   300-500

English

Summarize core contribution: distill the most important findings

Emphasize novelty: clarify incremental value for field or practice

Provide recommendations/insights: policy, practice, or academic guidance

Close the research loop: echo research questions from introduction

Concise and precise: typically 1– 2 paragraphs, 300– 500 words

| Techniques for Innovative Expression

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English

Keyword reinforcement: repeat terms like " novelty, finding, new method, first evidence"

Quantify contribution: use data or effect size to indicate impact

Comparative statements: emphasize difference or advantage

Moderate foresight: suggest new directions for future research or application

Concise, powerful language: active voice, clear verbs, avoid vague adjectives

|Reviewer Psychology and Discussion Strategy

English

Reviewers focus on contribution, novelty, and limitations

Clear, logically structured discussion receives positive evaluation

Transparent limitations enhance credibility

Consistency between data and argument reduces reviewer skepticism

|Control of Causal Interpretation and Over-Speculation

" " " " " "

English

Avoid causal claims beyond data support

Use terms like " association," " trend," or " suggests"

Distinguish between hypotheses and observed results

Clarify scope with figures or statistical indicators

|Integrating Text with Figures/Tables in Discussion and Conclusion

English

Reference key figures/tables to support conclusions

Use summary tables to compare main findings

Text interprets trends and implications

Avoid letting figures replace textual explanation

|Cross-Disciplinary and Application-Oriented Strategies

AI |AI-Assisted Writing Caution

AI

AI

English

AI can assist in text polishing and logic organization

Human verification of novelty and data consistency is essential

Avoid AI-generated unsupported conclusions or speculative forecasts

|Example Discussion and Conclusion

Singing Bowl	d=.45, p<.01

English Example

This study demonstrates that Singing Bowl intervention significantly reduces parental stress (d=.45, p<.01), consistent with previous mindfulness studies, but quantifies the magnitude of change for the first time. Limitations include a small sample size and urban-only participants. Future research could expand the sample and explore effects across cultural contexts. This study provides a practical intervention for parental stress with direct applicability to mental health practice.

Checklist

The discussion section should interpret the main findings and relate them to the hypotheses.

Compare with previous studies, highlighting both differences and consistencies.

Clearly state the innovative contributions of the study.

State limitations honestly and clearly.

The conclusion section should summarize the core findings.

Emphasize both innovative value and practical implications.

Ensure that causal interpretations are appropriately controlled and justified.

Maintain logical consistency between figures and textual explanations.

Ensure accessibility and clarity for interdisciplinary readers.

AI

All AI-assisted content has been carefully verified.

Conclusion

English   The discussion and conclusion sections are pivotal to demonstrating a paper's value. Through clear logic, evidence support, highlighted novelty, and reviewer-friendly strategies, authors can ensure that the core contribution is clear, research significance is explicit, and future directions are sustainable, thereby increasing acceptance and scholarly impact.

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