Research Manuscript Template with Integrated Guidance

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Abstract

The abstract should be a single paragraph of 150-250 words.

Abstract Writing Checklist:

- Include research problem/purpose
- Describe methodology briefly
- Highlight key results
- Emphasize conclusions and implications

This document serves as a comprehensive template for creating APA-style manuscripts using LaTeX. It demonstrates proper formatting for various sections, including figures, tables, citations, and references. The template is compatible with APA7 styles and features extensive documentation and examples. Users can quickly adapt this template by replacing sample content with their research material while maintaining APA compliance.

Research Manuscript Template with Integrated Guidance

Introduction

Guidance for Crafting an Effective Introduction

Key Components:

- Provide broad contextual background
- Identify the specific research problem
- Review relevant existing literature
- Highlight knowledge gaps
- State clear research questions/hypotheses
- Explain the study's significance
- Outline the study's structure

Research Question: How do [specific variables] influence [outcome]?

bold text, *italic text*, ***italic and bold text***, underlined text, *italic and underlined text*, **bold and underlined text**, ***italic, bold, and underlined text***, `typewriter text`, *emphasized text*, SMALL CAPS TEXT, large text (e.g., large, small, tiny, etc.).

To cite papers, use various citation commands:

- Regular citation: Mujtaba et al. (2023)
- Author as part of sentence: Mujtaba et al. (2024)
- Multiple citations: (Mujtaba et al., 2023, 2024)

How do structured templates influence the quality of research manuscripts?

Methodology

This is the methodology section that describes the approach. **Essential Methodology Components:**

- Research Design Type (Experimental, Correlational, etc.)
- Participant Recruitment Strategy
- Sample Characteristics
- Data Collection Instruments
- Procedural Details
- Ethical Considerations
- Statistical Analysis Plan

Analysis

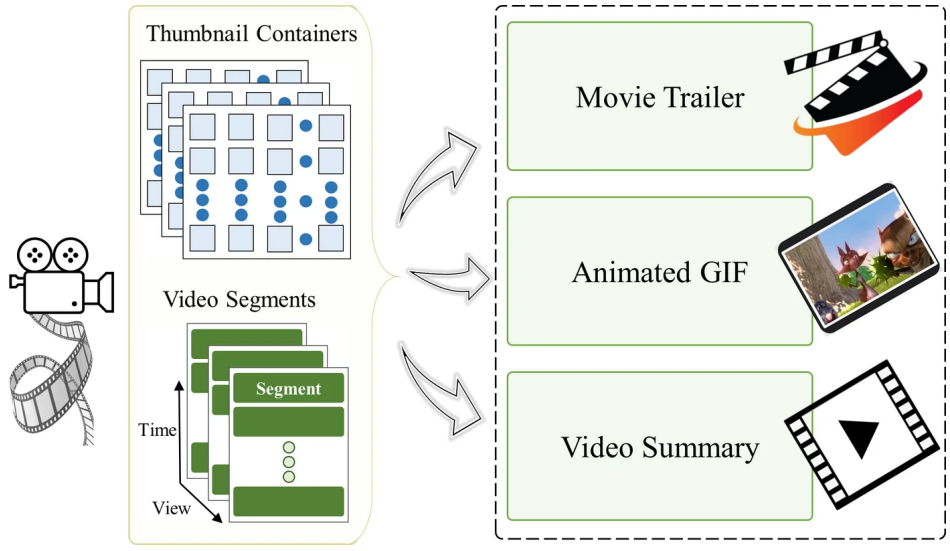


Figure 1

Sample figure caption.

Example of figure insertion with t, h, and !b positioning

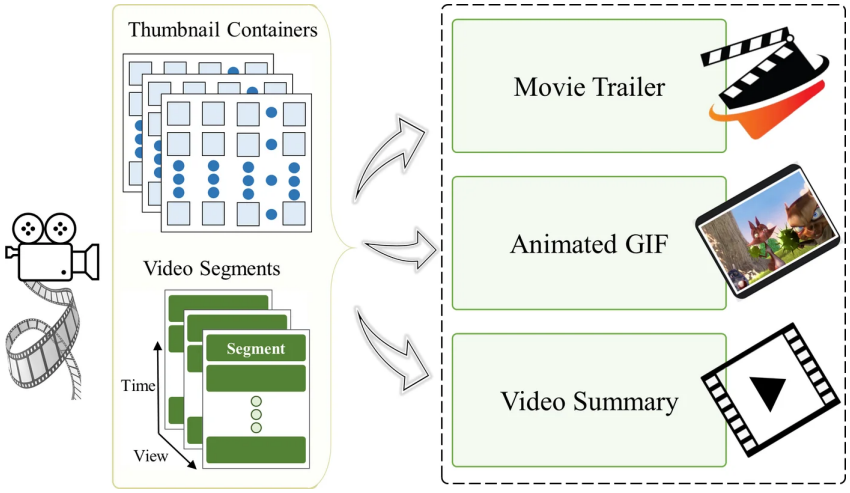


Figure 2

Sample figure with scaling.

Results

Results Presentation Strategy:

- Present data objectively
- Follow logical research question sequence
- Include descriptive and inferential statistics
- Utilize tables and figures effectively
- Report statistical significance

Discussion and Conclusions

Discussion Section Checklist:

- Summarize key findings
- Interpret results relative to hypotheses
- Compare with existing literature
- Acknowledge study limitations

Table 1

Descriptive Statistics Template

Variable	Mean	Standard Deviation
Example 1	0.00	0.00
Example 2	0.00	0.00

- Suggest future research directions
- Discuss practical implications

Our results align with previous research (Mujtaba et al., 2023). This suggests several key points:

- one
- two
- three

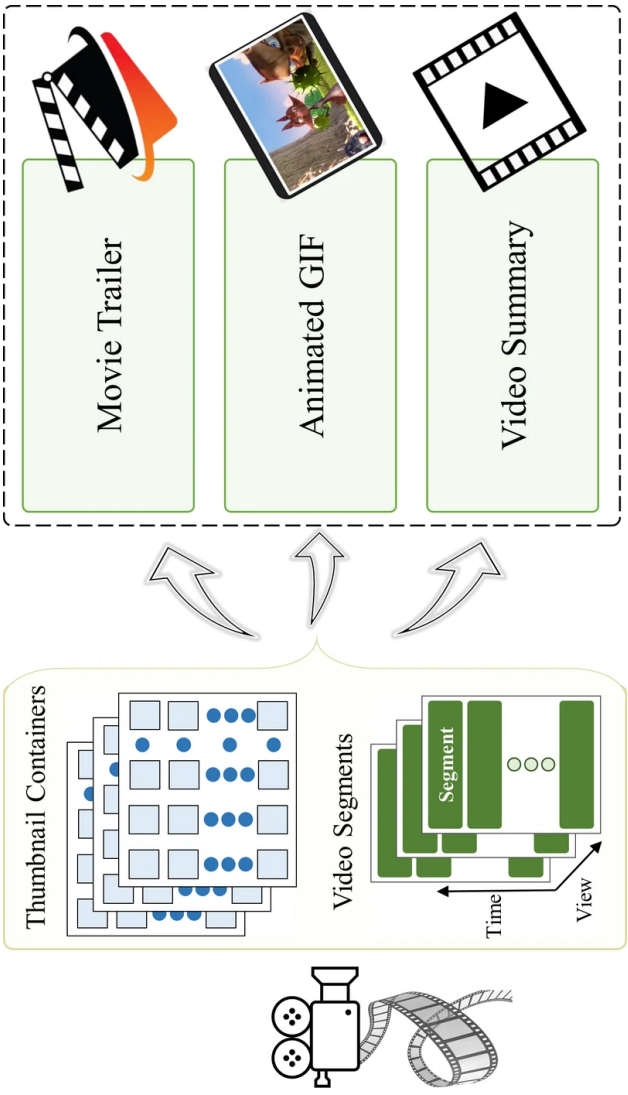


Figure 3

Sample figure with rotation and resized.

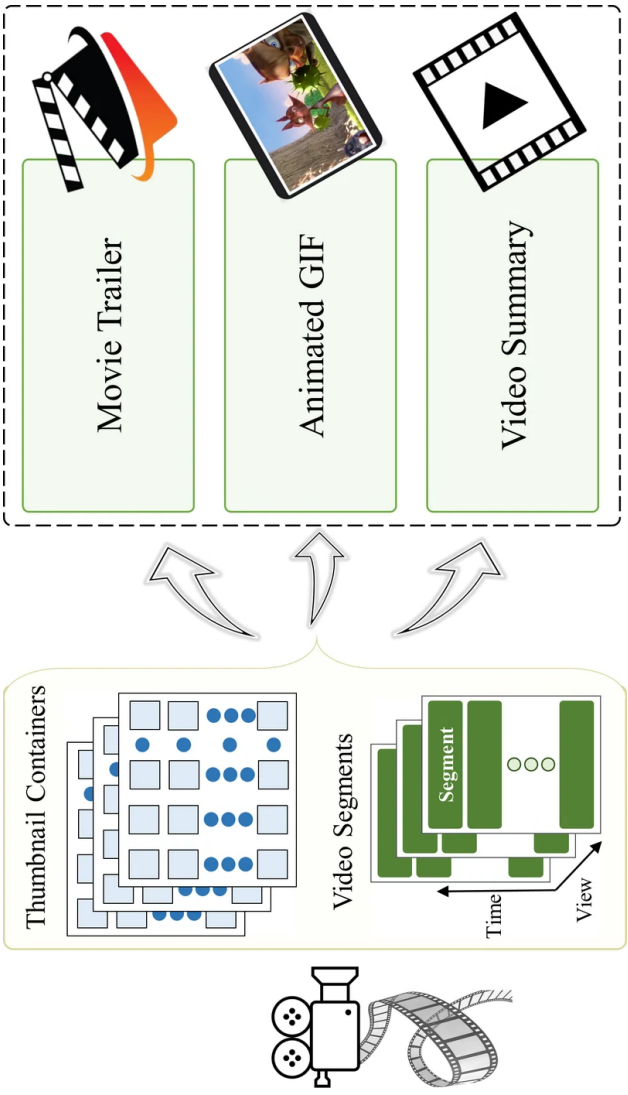


Figure 4

Sample figure with forced bottom placement and rotation.

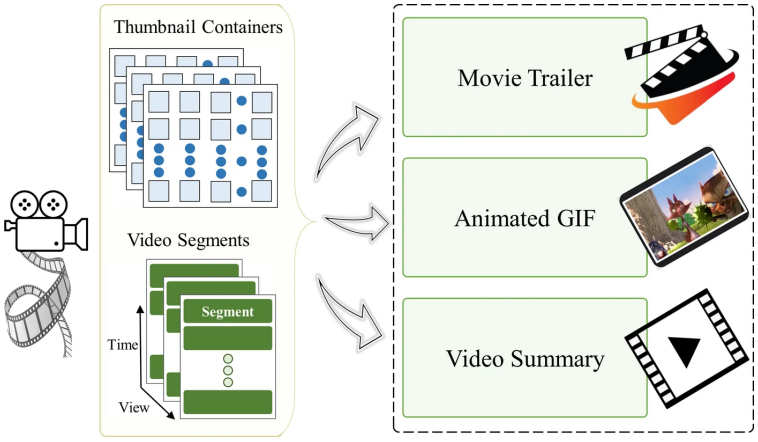


Figure 5

Sample figure with forced placement at here or top.

References

Mujtaba, G., Ali Khowaja, S., Aslam Jarwar, M., Choi, J., & Ryu, E.-S. (2023). Frc-gif: Frame ranking-based personalized artistic media generation method for resource constrained devices. *IEEE Transactions on Big Data*, 1-14. doi: 10.1109/TBDATA.2023.3338012

Mujtaba, G., Ryu, E.-S., & Harb, R. (2024). Personalized semantic fast-forward videos for next generation streaming platforms. *USA Patent*.