Conclusion

The study analyzes the rhetorical structures employed in high-impact electrical engineering research articles indexed by Scopus. By examining 30 highly-cited articles using a combinatory framework for Abstract, Introduction, Method, and Results & Discussion sections, the research highlights the applicability within the IMRD pattern for analyzing the articles in the field of electrical engineering. The analysis also confirms that the framework effectively captures the structure of Electrical Engineering Research Articles (EERAs) and highlights the consistent use of these rhetorical moves in Electrical Engineering fields.

The main findings indicate a conventional framework for analyzing the rhetorical structure of the abstract, introduction, methods, results, and discussion, as shown in the Appendix B. The analysis identifies the "Introduction," "Purpose," "Method," and "Product" moves in the Abstract section as conventional. The Introduction section follows Swales' model, featuring conventional steps such as "Topic generalization of increasing specificity," "Indicating a gap," and "Announcing present research descriptively." In the Methods section, "Contextualizing study methods" and "Describing the study" are considered conventional, providing clarity on research design and procedures. For the Results and Discussion, the moves "Summarizing key results" and "Commenting on results" are essential for presenting and interpreting findings.

Overall, this research underscores the importance of understanding the rhetorical flexibility within high-impact electrical engineering research articles. The findings contribute valuable insights into how successful articles structure their content, which can inform future writers in the field. Further studies with larger corpora are recommended to validate these findings and explore additional disciplinary.