



Declaration of generative AI and AI-assisted technologies in manuscript preparation

Journal: Fracture and Structural Integrity

Manuscript Title:

Authors:

1. Human accountability and authorship

The authors retain full and sole responsibility for the entire scientific content, findings, conclusions, and integrity of the submitted work. This includes the novelty, originality, and accuracy of all data, analysis, and ideas presented. Generative AI tools have not been listed as an author or co-author, as they cannot fulfill the criteria for authorship or take intellectual responsibility for the work. Every section revised with the assistance of AI has been meticulously reviewed and edited by the human authors.

2. TITAN 2025 Compliance: AI tool(s) and configuration

In accordance with the TITAN Guideline Checklist:

<ul style="list-style-type: none"> ● System Name [e.g., ChatGPT / Claude / Gemini]: 	
<ul style="list-style-type: none"> ● Vendor and Version [e.g., OpenAI, GPT-4o]: 	
<ul style="list-style-type: none"> ● Date of Use: 	
<ul style="list-style-type: none"> ● Configuration: The tool operated via [e.g., Cloud API / Web Interface] with the following parameters [e.g., Temperature 0.7, Prompt length approx. X words]: 	

3. Purpose and scope of AI use

AI and AI-assisted technologies were used exclusively for improving the readability, grammar, and language accuracy of the manuscript. Specific tasks included:

<ul style="list-style-type: none"> ● Correction of grammar, spelling, and punctuation. 	
<ul style="list-style-type: none"> ● Improvement of sentence structure and flow. 	
<ul style="list-style-type: none"> ● Refining the stylistic quality of the academic prose. AI tools were not used to generate research ideas, interpret data, or manipulate any research figures and results. 	



4. Data inputs and safeguards

<ul style="list-style-type: none"> • Data Categories: The data provided to the AI consisted of [e.g., preliminary text drafts / de-identified abstracts]. 	
<ul style="list-style-type: none"> • Compliance: All inputs were de-identified and handled in strict compliance with [e.g., GDPR / HIPAA]. 	
<ul style="list-style-type: none"> • Confidentiality: No unpublished research data or copyrighted material was entered into any AI tool in a manner that would violate intellectual property rights. 	

5. Human oversight and bias mitigation

<ul style="list-style-type: none"> • Supervising Authors: The authors [Insert Names] reviewed every AI output. 	
<ul style="list-style-type: none"> • Verification: The process included fact-checking and verifying scientific accuracy against primary sources. 	
<ul style="list-style-type: none"> • Bias Mitigation: Steps were taken to detect and mitigate algorithmic bias by [e.g., cross-checking outputs against diverse datasets/under-represented populations]. 	

6. Reproducibility and transparency

<ul style="list-style-type: none"> • Prompts: The exact prompts used for language enhancement are provided in [e.g., Appendix A / Supplementary Material] 	
<ul style="list-style-type: none"> • Access: AI-generated artifacts and logs can be accessed at [Insert DOI/Hyperlink or state "Available upon request"] 	

7. Consequences of misuse

The authors acknowledge that any undisclosed use of AI tools for data fabrication or content generation will result in immediate paper retraction and a permanent ban from submitting to *Fracture and Structural Integrity*.

Date:

Full name in block capitals

Signature
