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Peer Review

# Review of: "Modelling and quasistatic simulation of the stiffness degradation of concrete based on physical measurements"

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This paper presents solid research and does a good job tackling a practical engineering problem with clear methodology and supporting data. I liked that the authors included detailed testing and comparisons, which make the findings feel credible and useful for real-world application. The technical discussion is one of the stronger parts of the paper, especially where the results are analyzed and connected back to engineering performance.

That being said, some sections feel longer than necessary, and a few explanations repeat ideas instead of being more concise. There are also minor grammar and sentence structure issues throughout that can make certain parts harder to follow. With better editing and a tighter discussion section, the paper could be even clearer and more impactful. Overall, this is a valuable and well-executed study with strong technical relevance.

## Declarations

**Potential competing interests:** No potential competing interests to declare.



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