

# Review of: "Shear performance of polypropylene fiber reinforced high-strength self-compacting concrete beams"

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

This study investigates the shear performance of polypropylene fiber-reinforced self-compacting concrete beams. Some revisions must be made to improve this work:

- The abstract should include a numerical summary of the results. For example, what is the percentage increase in shear stress and shear strength? Add the tests performed to the summary.
- In the introduction, you need to add the purpose of your work and some previous work in the same field and restructure the article as follows: introduction, materials and methods, results and discussion, and conclusion.
- Cite some characteristics of the materials used in the formulation of mortar in the Materials and Methods section and include pictures of polypropylene fibers in the material descriptions.
- Lack of explanation of the results, e.g., why the compressive and tensile strength of fiber-reinforced concrete increased compared with control concrete.
- Add suggestions and future work to the conclusion.