Review of: "Multiplicity of solutions for nonlocal fractional equations with nonsmooth potentials"

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Potential competing interests: No potential competing interests to declare.

This paper is to establish the existence results of at least three weak solutions for the nonlocal fractional Laplacian problem (1.1). The reviewer considers

(i) It requires intensive English improvements: For example, (1) change “is concerned” to “is concerned with” in the abstract. (2) Change “becomes into” to “becomes” on page 2 (just above formula (1.2)). (3) In formula (1.2), change “,” to “.”. (4) Change “proved” to “considered” just above the formula (1.3), change “.” to “,” in the formula, and change “They” to “and”. (5) On page 4, change “Here” to “Let” and “denotes” to “denote”. (6) Mathematically, change "\lambda_1 < \lambda_2" to \lambda_1 \leq \lambda_2 in formula (2.3). (7) On page 7, change “The main results” to “Main Results”, and continue ….

(2) Please check out the definition of the fractional Laplacian operator on page 1 (last line). There is a coefficient before the integral. See Chenkuan L, pp. 1797–1830 , DOI: 10.1515/fca-2021-0078

(3) The authors must set up an example at the end of the paper to demonstrate the application of the key theorem.