

REVIEWER'S REPORT

Manuscript No.: IJAR-59482

Title: A two-phase decomposition heuristic versus a hybrid genetic algorithm for solving a multi-product, multi-compartment vehicle routing problem with simultaneous pickup and delivery and time windows for the transport of perishable products.

Recommendation:

Accept as it is
 Accept after minor revision.....
Accept after major revision $\checkmark$
 Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		$\checkmark$		
Techn. Quality			$\checkmark$	
Clarity		$\checkmark$		
Significance		$\checkmark$		

Reviewer's ID: DR. PRITI GUPTA

Detailed Reviewer's Report

- Define the abbreviation consistently at first use and use the same spelling throughout the manuscript.
- Please ensure that all symbols in Tables 2–5 and equations are defined, including the interpretation and units of the damage rates, the opportunity-cost weight α , and the large constant M .
- Improve the readability of Figures 1 and 2.
- Review Table 6 for alignment and readability. Consider using consistent decimal places and a clearer indication of configurations
- Clarify the meaning of the GA/TPDH gap in the table caption and ensure that the sign convention is consistently interpreted in the discussion.
- Please verify that all cited references are complete and consistently formatted. Check bibliographic details and DOI links, particularly entries with incomplete publication information.
- Explain the source and unit conversion for operating costs and product prices, and clarify how distance units are made consistent with the stated cost per kilometre.
- Revise the conclusion to emphasize the tested scope and limitations, avoiding broad claims about the best trade-off beyond the benchmark configurations evaluated.