

Review of: "Refrigerant Selection in Air Conditioning Systems Considering Thermodynamic, Environmental, and Economic Performance Using the BHARAT-II Multi-Attribute Decision-Making Method"

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Potential competing interests: No potential competing interests to declare.

1. What is the significance of xy, yz, zx, etc., in matrix M1?
2. There are slight grammatical errors, such as rvv instead of ryy, etc.
3. In matrix M2 - As per theory, it is written as "Row sum divided by Grand sum," but in actual calculation it has been further divided by 3 also, i.e., elements of M2 are (Row Sum)/(3 x Grand sum), please make it clear.
4. Matrix M4 = M3/M2, authors should make it clear that it is not matrix division, but division of element by element.
5. m = no. of attributes = size of M1 matrix = 4, but actually it is 3.
6. Step 2: "To determine the weights of the 7 selection attributes." Is it 7 or 12?
7. Table 3: What is the criteria for assigning a value of 1 each to T, Cpr, Spr, LD, VD, LH, TC, VL, P and ¼ each to ODP, GWP, TF?
8. What does the 13th attribute 'c' stand for?
9. Authors should compare and demonstrate how their results are better than those available in the literature.