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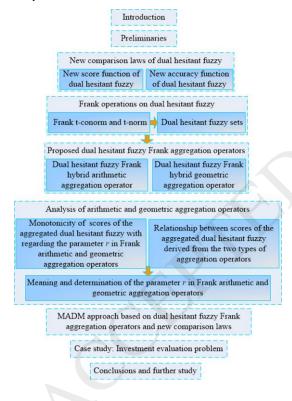
ACCEPTED MANUSCRIPT

Multiple attribute decision-making approach based on dual hesitant fuzzy Frank aggregation operators

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Graphical abstract



Highlights

- New score and accuracy functions of dual hesitant fuzzy elements are designed.
- Some Frank operational rules of dual hesitant fuzzy sets are developed.
- Frank hybrid weighted arithmetic and geometric aggregation operators are proposed.
- · Monotonicity of the two types of aggregation operators regarding the parameter in Frank operations and

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