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A Linear Programming Approach for Learning Non-Monotonic Additive Value Functions in Multiple Criteria Decision Aiding

Mohammad Ghaderi, Francisco Ruiz, Núria Agell Jané

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Highlights

- A new disaggregation method to infer non-monotonic value functions from indirect pairwise comparisons is introduced.
- The variation in slope is minimized against discriminatory power of the inferred value function.
- The proposed methodology leads to a linear programming problem
- A thorough experimental analysis is conducted to demonstrate effectiveness of the proposed methodology.

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