

Review of: "A Method for Discriminating Equities Based on Sustainability Criteria in an ALM Process Designed for Practitioners"

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Potential competing interests: No potential competing interests to declare.

This paper presented a practical two-step approach tailored to include leveraging publicly available sustainability data and the Markowitz methodology. Although the study presented in this work is focused on an interesting topic, a few revisions and important clarifications are necessary.

1. What was firstly discovered? Clearly condensate the novelty and significance of the main discovery into a short and groundbreaking claim.
2. The authors should consider a motive section to highlight their contributions.
3. The research hypothesis could be stated more clearly. Condensate the research hypothesis into 1 short statement (or question) that will be subsequently confirmed or refuted. Make sure the urgency and significance of the research hypothesis was justified in its environmental-economic nexus.
4. The schematically representation of the proposed approach should be depicted.
5. Where is the breakthrough? Clearly indicate who (and how) will benefit from these revelations, quantify the industrial importance of your work (preferably in financial terms).
6. Propose some improvements and better review sustainability/green studies (refer to papers "Evaluating the sustainable mining contractor selection problems: An imprecise last aggregation preference selection index method.", "Green supplier evaluation in manufacturing systems: a novel interval-valued hesitant fuzzy group outranking approach.", "A hybrid hierarchical soft computing approach for the technology selection problem in brick industry considering environmental competencies: A case study.", "Sustainable feedstocks selection and renewable products allocation: A new hybrid adaptive utility-based consensus model.", "Multi-echelon green open-location-routing problem: A robust-based stochastic optimization approach.", "Strategic evaluation of sustainable projects based on hybrid group decision analysis with incomplete information.", "Sustainable high-tech brick production with energy-oriented consumption: An integrated possibilistic approach based on criteria interdependencies.").
7. Better quantify the positives and negatives of the methods currently used (provide corresponding numbers).
8. It is better to provide some explanations about the model verification to show its accuracy.
9. A sensitivity analysis should be considered to represent the robustness and sensitiveness of the obtained results vs. the key parameters.
10. Insights (from the sensitivity analysis) should be provided.

11. The key assumptions on which the new model is proposed are missing altogether, and it's really difficult to assess how sensitive the results can be to these assumptions.