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Using multiple reference levels in Multi-Criteria Decision Aid: the Generalized-Additive Independence model and the Choquet integral approaches

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Highlights

- A motivation of decision strategies depending on several reference levels
- Representation of the reference levels-dependent multi-criteria decision problems
- A specialization of the Generalized Additive Independence model to the presence of reference levels
- Description of a drawback of the Choquet integral called contamination effect
- A simple elicitation procedure for k-ary capacities

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