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Inverse DEA with frontier changes for new product target setting

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Highlights

- A managerial use of inverse DEA for new product target setting is discussed.
- The necessity of considering frontier changes in inverse DEA is addressed.
- An inverse DEA problem considering frontier changes is developed.
- The new method enables a non-radial output estimation based on decision weights.
- The proposed approach is demonstrated using the case of vehicle engine development.

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