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The Russell Measure Model: computational aspects, duality, and profit efficiency

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Highlights

- A general scheme for dealing with some nonlinearities in DEA is given.
- The scheme uses an SDP reformulation that allows to solve the programs efficiently.
- The scheme yields to the usual dual input and output weights.
- The scheme is applied to the Russell measure (RM) model and its dual is derived.
- The relationship of the dual RM model with profit efficiency is provided.

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