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A Comparative Study of Robust Efficiency Analysis and Data Envelopment Analysis with Imprecise Data

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Highlights

- Integrating the results of CCR efficiency analysis and robust efficiency analysis is critical.
- Models are developed to determine the bounds of an entity's robust efficiency score.
- It is the first experimental study to assess efficiency analysis procedures with imprecise data.
- Computational results suggest that a perfect efficient DMU performs well on average.

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