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Identification of Congestion in Data Envelopment Analysis under the Occurrence of Multiple Projections: A Reliable Method Capable of Dealing with Negative Data

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Highlights

- All relative interior points of a face have the same status of congestion.
- We establish a linkage between the congestion and the global reference set.
- We propose a reliable method to detect the presence of weak and strong congestions.
- Our method copes effectively with the occurrence of multiple projections.
- Our method is able to deal with negative data.

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