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A classification of slacks-based efficiency measures in network data envelopment analysis with an analysis of the properties possessed

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Highlights

- Slacks-based measure models in network data envelopment analysis are classified.
- The independent model measures system and division efficiencies independently.
- The relational model needs sufficient intermediate product to use for production.
- The cooperative model requires exact amount of the intermediate product to use.
- The intermediate product can be super-efficient in slacks-based measures.

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