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Using stochastic frontier analysis to measure the impact of weather on the efficiency of electricity distribution businesses in developing economies

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## Highlights

- Combines stochastic frontier analysis, nested models and georeferencing tool
- Reports cost only, cost-quality and environmental models
- Analysis of weather in the production function and in the inefficiency term
- Three perspectives of weather impact on efficiency: global, company and ownership type level
- Environment (weather) matters on electricity distribution firm's efficiency

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