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Electric Vehicle Adoption Decisions in a Fleet Environment

Saravanan Kuppusamy, Michael J. Magazine, Uday Rao

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Highlights

- We combine a taxicab company and an electric vehicle infrastructure service provider
- We build an electric vehicle-adoption evaluation model for the combined entity
- We analyze electric vehicle adoption in terms of parameters based on the miles driven
- We find that adoption decision can switch intermittently with mean miles driven
- We find that an increase in variability in miles driven can increase vehicle adoption

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