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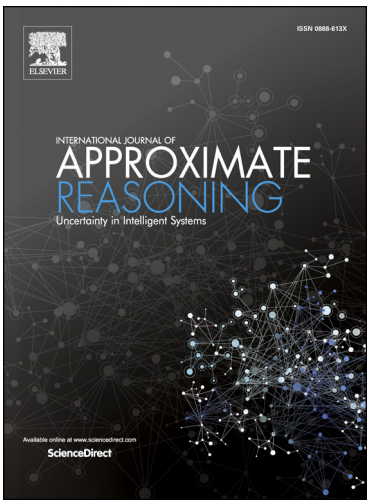

New distributions for modeling subjective lower and upper probabilities

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Highlights

- A new approach for modeling lower-upper probabilities is presented.
- The model tests the conjugacy relation between lower and upper probabilities.
- The resulting new distributions are tractable and have desirable properties.
- Two applications show that the new distributions are a good fit to data.

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