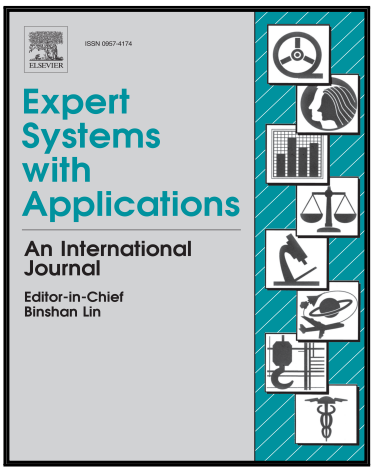


# A novel risk evaluation method of technological innovation using an inferior ratio-based assignment model in the face of complex uncertainty

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**Highlights**

- Development of a novel risk evaluation method of technological innovation.
- Consideration of highly uncertain information represented by IVPF values.
- Construction of IVPF IRs based on the IVPF distance measure.
- Establishment of a useful IVPF IR-based assignment model.
- Comparative analysis with other methods via a practical application.