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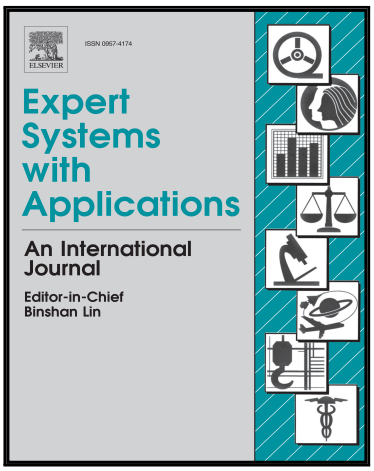

Combination of expert decision and learned based Bayesian Networks for multi-scale mechanical analysis of timber elements

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Highlights

- Expert information and learning algorithms are combined to define a Bayesian network.
- The causal structure of a multi-scale timber mechanical analysis was modelled.
- Ranking of learning algorithms provided the best network candidates for the analysis.
- Proposed model and operative model provide similar results.

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