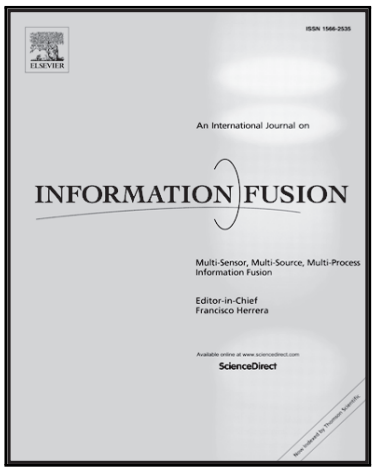

Multistage fusion approaches based on a generative model and multivariate exponentially weighted moving average for diagnosis of cardiovascular autonomic nerve dysfunction

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Highlights

- Multistage fusion approach for diagnosis of autonomic nerve dysfunction
- Independent Component Analysis and statistical process control are used for fusion
- Body sensor data from ECG and blood chemistry are used for fusion approach
- Decision fusion has been proposed for diagnosis by using a multi-classifier system
- Proposed fusion approach achieves high performance for diagnosis of nerve dysfunction