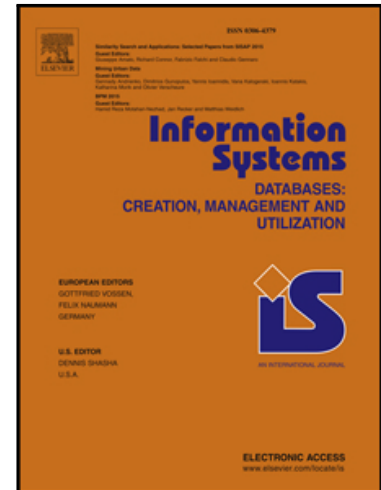


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Scalable Approximate Query Tracking over Highly Distributed Data Streams with Tunable Accuracy Guarantees

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Highlights

- We detail scalability issues of GM monitoring [5] in highly distributed networks
- We propose sampling-based tracking schemes with tunable accuracy guarantees
- Sample cardinality proportional to \sqrt{N} out of N network sites
- Extensions & fine tuning of our schemes for the safe zone monitoring [26] concepts
- Extensive experimentation and comparative analysis with related works

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