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A framework for detecting communities of unbalanced sizes in networks

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#### **ACCEPTED MANUSCRIPT**

#### \*Highlights (for review)

### Highlights of paper:

We propose a local unsupervised network cluster framework that works well also for communities of different densities and/or sizes.

The proposed community detection algorithm integrates more different measures that define good communities.

The proposed algorithm is a fast local expansion algorithm for uncovering communities of different sizes and densities.

It reveals rich information on input networks.

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