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Emerging trends in evolving networks: Recent behaviour dominant and non-dominant model

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***Highlights (for review)**

The highlights of our paper are as follows:

- This research has proposed novel models to predict emerging trends. We proposed two novel models for prediction.
- We have proposed two models which considered two hypothesis systems underlying it:
    - The first system it considers where recent behaviour dominates over total behaviour for making choices.
    - The second system we have considered where recent behaviour is as important as total behaviour.
- Our models used PageRank, Popularity-based and Temporal-based predictors and node In-Degree as evaluation benchmark models.
- Proposed prediction models applied on MovieLens, Netflix, Facebook and Arxiv Citation datasets.
- The accuracy of our proposed prediction models is compared with four benchmark models.

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