

Accepted Manuscript

A comprehensive comparison of network similarities for link prediction and spurious link elimination

Peng Zhang, Dan Qiu, An Zeng, Jinghua Xiao

PII: S0378-4371(18)30124-9
DOI: <https://doi.org/10.1016/j.physa.2018.02.048>
Reference: PHYSA 19168

To appear in: *Physica A*

Received date : 15 September 2017
Revised date : 14 January 2018

Please cite this article as: P. Zhang, D. Qiu, A. Zeng, J. Xiao, A comprehensive comparison of network similarities for link prediction and spurious link elimination, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.02.048>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Highlights:

- 1, The accuracy of some accurate link prediction methods perform poorly in identifying spurious links.
- 2, 18 considered methods are significantly different in link prediction and spurious link identification. They can be classified into several clusters according to their behaviors.
- 3, Most methods are generally more sensitive to noise in link prediction than in spurious link elimination.

Download English Version:

<https://daneshyari.com/en/article/7375686>

Download Persian Version:

<https://daneshyari.com/article/7375686>

[Daneshyari.com](https://daneshyari.com)