

Reviewer Report

Title: The probability of edge existence due to node degree: a baseline for network-based predictions

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Reviewer name: Babita Pandey

Reviewer Comments to Author:

The manuscript "The probability of edge existence due to node degree: a baseline for network-based predictions" presents novel work. But some of the sections are written very briefly, so it is difficult to understand. The section that needs revision are: Degree-grouping, The edge prior encapsulates degree, Degree can underly a large fraction of performance and Analytical approximation of the edge prior. The result section needs revision. Some other concerns are: Academic adhar, Jaccard coefficient, preferential attachment etc are link prediction methods. Why author has termed them as edge prediction features.

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