# Online Review Fake Detection Using FraudEagle with Prior Inclusions

## Abstract

Online Reviews on products (services) plays an influential role on the prospective customer decision on purchasing (availing) the product (service). This decides the fate of the product (services). Due to this there is need for an automated system to identify and curb such instances. However, it is a challenge for such machines to identify fake reviews. There are several techniques proposed and developed to identify such reviews and spammer groups. One such technique is the FraudEagle framework that exploits network effects among reviewers and products for fraud detection. In our work, we have extended this technique by adding new attributes to the review network such as *helpfulness*, *verified purchase* and *duplicates in reviews* for improved opinion spam detection which will discussed thoroughly in the further section.

Keywords: Opinion Spam, Fraud, Review

## Introduction

### Motivation

Detecting spam in online reviews is a difficult task, however there are many novel techniques which solved this problem using various techniques like [5] exploited the review text duplicates in the reviews, [4] used burstiness in the reviews

## Prior Work

## Our Contributions

## Model

## Results

## References

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