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Privacy Preserving Record Linkage in the Presence of Missing Values

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Highlights

- It is proposed that the missing value in a record is handled by utilising the values of the corresponding fields in the k-NNs of this record.
- The proposed method for dealing with missing values allows the use of the traditional blocking techniques to handle the scalability issue.
- The existing Bloom filter protocol has been adapted to address both issues of missing values and privacy preservation

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