Reviewer’s report

Title: A Privacy-preserving Distributed Filtering Framework for NLP Artifacts

Version: 0 Date: 22 Mar 2019

Reviewer: Xu An Wang

Reviewer's report:

I think this paper in general is OK, but some issues are needed to be solved:

1. Theoretical analysis of your detailed system protocol is not enough, you need to revise the part of security analysis with more detail

2. Why the hash function can be used for removing the sensitive terms? I am not convincing on this method. Please detailed give your analysis of this part.

3. Some references closely related with this work can be refered such as:


Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

**Quality of written English**
Please indicate the quality of language in the manuscript:

Not suitable for publication unless extensively edited

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