CSCI8380 (Fall 2013): Paper Review Form

Reviewer Name: Ting Xiao

Paper Name: Real-Time Recommendation of Diverse Related Articles

Section I. Overview

A. Reader Interest

1. Which category describes this manuscript?
   ___ Practice/Application/Case Study/Experience Report
   ___ Research/Technology
   ___ Survey/Tutorial/How-To

B. Content

1. Please explain how this manuscript advances this field of research and/or contributes something new to the literature.
   They created a new dLHS algorithm, which can be used to find the similarity among the news articles from the comments posted by users, and evaluate their new algorithm, and get very simple conclusion. The lower the number of the articles in the same bucket, the higher the diversity is the conclusion of this paper.

C. Presentation

1. Does the introduction state the objectives of the manuscript in terms that encourage the reader to read on?
   ___ Yes
   ___ Could be improved
   ___ No

2. How would you rate the organization of the manuscript? Is it focused? Is the length appropriate for the topic?
   ___ Satisfactory
   ___ Could be improved
   ___ Poor

3. Please rate and comment on the readability of this manuscript.
   ___ Easy to read
   ___ Readable - but requires some effort to understand
   ___ Difficult to read and understand
   ___ Unreadable

Section II. Evaluation

Please rate the manuscript. Explain your choice.
   ___ Award Quality
   ___ Excellent
Good
Fair
Poor

The road map of this paper is very clear, and little content to refute.

**Section III. Detailed Comments** (provide your thoughts/criticism about the ideas in the paper; not only summarize the paper but have a critical look here)

In the clear roadmap of this paper, the excellent part is illustrate how create the formulation for the problem, then it is easy to choose proper data structure to implement the algorithm.
Not only content of the articles, they have collect as many as meta-data to consider the relevance and diversity of the news.
After that, analyze the running result is another good part of this paper, they not only compare two different datasets, but also the different dimensions of the algorithms used in the application to prove their experiment result is believable.

**Additional Comments:**
1. Provide one aspect that you liked the most in this paper.
   The clear road map of the paper makes the paper very powerful.
   Introduce and prove their new algorithm used in recommending the news articles.

2. Provide one aspect that you disliked the most in this paper.
   Maybe they cannot access to the dataset of the mainstream news articles, but if they can use other popular news platform online, compare with the methods or results of current recommend relevance articles for users, it will be much better.

**Section IV. Discussion Points** (provide at least 3 discussion topics/questions related to ideas/techniques described in the paper; these will be used for discussions in the class)
1. The datasets they used is rarely heard. For example, if they use the database provided by BBC.
2. In order to evaluate their algorithm, they also used the user study by Amazon Mechanical Turk system. I am not familiar with this system. Is the result of the system is credible?
3. The lower the number of the articles in the same bucket, the higher the diversity is the conclusion of this paper. But how to define the term of “Real-time”? 