

## Xianzhi Wang

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**From:** Md Rafiqul Islam <MdRafiqul.Islam-1@student.uts.edu.au>  
**Sent:** Monday, 21 September 2020 22:34  
**To:** Guandong Xu  
**Cc:** Shaowu Liu; Xianzhi Wang; Imran Razzak  
**Subject:** Fwd: BESC 2020 notification for paper 37 - Accepted as SHORT (4 Pages)

FYI

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**From:** besc2020@easychair.org <besc2020@easychair.org> on behalf of BESC 2020 <besc2020@easychair.org>  
**Sent:** Monday, September 21, 2020 10:16:36 PM  
**To:** Md Rafiqul Islam <MdRafiqul.Islam-1@student.uts.edu.au>  
**Subject:** BESC 2020 notification for paper 37 - Accepted as SHORT (4 Pages)

Dear Md Rafiqul Islam,

Paper ID: 37

Title: MHIVis: Visual Analytics for Exploring Mental Illness of Policyholder's in Life Insurance Industry

We are pleased to inform you that the above listed manuscript has been ACCEPTED as SHORT PAPER (4 Pages) at BESC 2020 (<http://besc-conf.org/2020/>) to be held virtually and organised by Bournemouth University, the UK. Nov 5-7, 2020. Congratulations!

We have carefully selected reviewers, who are experts in the specific areas of the submitted contributions. Over the past few months they have been working hard to thoroughly review BESC 2020 submissions. the vast majority of the submissions received three or more reviews.

Please consider the comments from reviewers. These comments served as the basis for the final decision and we hope that they will also help you to revise your final paper which must be submitted soon (a follow-up email will be sent later regarding the camera ready instructions). Please note that all papers should use IEEE two-column style. The page limit of SHORT PAPER is 4 pages. Templates are available from [http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

In addition, please note that one of the authors per paper must register for the conference. Failure to have such an author registration will result in removal of the paper from the final BESC 2020 program as well as conference proceedings published by IEEE. Attendance of other authors will be encouraged and free.

Congratulations once again on the acceptance of your paper!

We look forward to welcoming you in BESC 2020 soon.

With best regards,

BESC 2020 Chairs

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Raian Ali - Hamad Bin Khalifa University, Qatar  
Hongzhi Yin, The University of Queensland, Australia

Guandong Xu, University of Technology Sydney, Australia  
John McAlaney, Bournemouth University, The UK

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SUBMISSION: 37

TITLE: MHIVis: Visual Analytics for Exploring Mental Illness of Policyholder's in Life Insurance Industry

----- REVIEW 1 -----

SUBMISSION: 37

TITLE: MHIVis: Visual Analytics for Exploring Mental Illness of Policyholder's in Life Insurance Industry

AUTHORS: Md Rafiqul Islam, Shaowu Liu, Imran Razzak, Muhammad Ashad Kabir, Xianzhi Wang and Guandong Xu

----- Overall evaluation [300 WORDS minimum please - Avoid generic comments] -----

SCORE: -2 (reject)

----- TEXT:

In this manuscript, these authors designed a visualization system, named MHIV, for the mental illness of policyholder's in life insurance industry. There is no doubt that data visualization is very important in data analysis. From this point of view, the issues these authors tried to address very interesting and of good application potential.

For this manuscript, my concerns can be summarized as follows:

- (1) The flow of this article can be further enhanced. As a research article, it is necessary to identify the research problem, the research gap, the novelty and the contributions. These content is not well summarized. Thus it is not easy for readers to catch the main idea these author hope to share.
- (2) As I see, the novelty of this research is limited. Although these authors argued that their system can visualize more data, such as "Visualization within age group", this system can still be seen as a simple application of existing ones.
- (3) In the title, these authors emphasize the "visual analytics". However, in the article, I only see the part of "visualization" instead of analytics. I guess these authors consider some visualization function as analytics, such as "Visualization within age group" I mentioned above. However, this kind of analytics may be too simple for a research article. Maybe it is more suitable for a report or an instruction to introduce a product.
- (4) Some of the statement in the paper is not precise. For instance, in the abstract, one important argument is "Existing research has revealed that personal data, such as depression, anxiety, and stress, can provide deeper insights into policyholder's mental health states." According to my experience, information like depression, anxiety and stress, usually is not the personal data that ready for use. Generally, we need to "analyze" (e.g. mine and extract) from raw data. Actually, these "analytics" are more important in real applications and research.

----- REVIEW 2 -----

SUBMISSION: 37

TITLE: MHIVis: Visual Analytics for Exploring Mental Illness of Policyholder's in Life Insurance Industry

AUTHORS: Md Rafiqul Islam, Shaowu Liu, Imran Razzak, Muhammad Ashad Kabir, Xianzhi Wang and Guandong Xu

----- Overall evaluation [300 WORDS minimum please - Avoid generic comments] -----

SCORE: 2 (accept)

----- TEXT:

The paper proposed a system (MHIVis) with free text search and multiple coordinated views for visual

analytics of policyholder's mental health states.

The paper is well organized with related work, design methodology, functionality, comparing to existing tools, case study, discussion of the visualization results and conclusion.

Suggestions:

1. The Data collection and processing part should be more detailed, such as how to handle the missing values, how to merge different sources data.
2. The description of MGIVis function should be more detailed. For example, the description of Free text search feature is a little vague, the text input can be very flexible and complicated, so providing input template will be better.
3. The competing tools part should be more thorough comprehensive, such as the advantages and disadvantages and its appropriate scenario of competing tool.

----- REVIEW 3 -----

SUBMISSION: 37

TITLE: MHIVis: Visual Analytics for Exploring Mental Illness of Policyholder's in Life Insurance Industry

AUTHORS: Md Rafiqul Islam, Shaowu Liu, Imran Razzak, Muhammad Ashad Kabir, Xianzhi Wang and Guandong Xu

----- Overall evaluation [300 WORDS minimum please - Avoid generic comments] -----

SCORE: 0 (borderline paper)

----- TEXT:

The authors propose a visual tool to explore mental illness of policyholder. The main contribution of this paper is the design of this visual analytics system for digging mental illness.

However, I have some concerns as follows:

- 1) The authors should very carefully refine their paper. A lot of typos and grammatical errors exist in this paper. For example,
  - 1.1 'performs'-'>'perform' in abstract
  - 1.2 'range'-'>'range from' in introduction
  - 1.3 'In many fields, such as finance, education, and fostering research in academia' is not a sentence in introduction
  - 1.4 'why certain information's are'-'>'why certain information is' in introduction.
  - 1.5 'understand of policyholder's'-'>'understand policyholder's' in introduction.
  - 1.6 'To investigate and identify the group of mentally ill policyholder's, stakeholders, such as insurance managers (IMs), need to have a comprehensive understanding of policyholder's personal information.' lacks the subject in subsection Findings.
- 2) Although the design and implementation of the visual analytics system are important, the authors should highlight the novelty of the four-stage design framework. For example, how free text search stage can output result in dashboard. That is, how to understand query in the system. Moreover, the advantages of MHIVis compared with existed tools are not very clear in section IV. More features of dashboard in MHIVis?
- 3) In my opinion, the findings from Fig.2 and 3 are superficial, which cannot present the advantage of the visual tool.