

Cover letter

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Dear editors,

We wish to submit an original research article entitled “Textual Sentiment of Chinese microblog toward the Stock Market” for consideration by Journal of Computational Finance.

We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

In this paper, text mining and statistical models are deployed to explore the relationship between the Shanghai Stock Exchange Composite Index and the collective emotions of individual investors. This is significant because statistical results reveal the relationship between daily posts and daily opening prices with a one-day lag.

We believe that this manuscript is appropriate for publication by Journal of Computational Finance because it match the journal’s Aims & Scope

China has become one of the fastest-growing major economies in the world. As an emerging market, the SSE consists of individual investors as major players. The investment decisions of individual investors are more likely to be influenced by their emotions. We collected data from China’s twitter-microblog and verified the rationality of the market from the perspective of behavioral finance. We used technology of computer science and statistics to study the problem of finance. Our results show that the numbers of posts that represent different emotions do have relationship with the trend of the stock index.

We have no conflicts of interest to disclose.

Please address all correspondence concerning this manuscript to me at ningwang@shu.edu.cn.

Thank you for your consideration of this manuscript.

Sincerely,

Ning