Cover Letter

Dear editors,

Please find enclosed our manuscript entitled “Deep Reinforcement Learning based Ensemble Model for Rumor Tracking” which we would like to submit for publication in the special issue on Misinformation on the Web of Information Systems journal. The information of our manuscript is as follows,

Title: Deep Reinforcement Learning based Bagging Model for Rumor Tracking

Author: Guohui Li, Ming Dong, Lingfeng Ming, Changyin Luo, Han Yu, Xiaofei Hu, Bolong Zheng\*

To solve the rumor tracking problem, we propose a deep reinforcement learning based ensemble model for rumor tracking (RL-ERT), which aggregates multiple components by a weight-tuning policy network, and utilizes specific social features to improve the performance.

The work described has not been submitted elsewhere for publication, in whole or in part, and all the authors listed have approved the manuscript that is enclosed.

We deeply appreciate your consideration of our manuscript, and we look forward to receiving comments from the reviewers. If you have any queries, please don’t hesitate to contact me.

Best,

Bolong Zheng

Email: [zblchris@gmail.com](mailto:zblchris@gmail.com)

School of Computer Science and Technology

Huazhong University of Science and Technology