Dear Editors:

We would like to submit the enclosed manuscript entitled "Heartbeats Classification Using Autoencoder-Based Deep Network with Massive Electrocardiography", which we wish to be considered for publication in "IEEE Journal of Biomedical and Health Informatics Special Issue on Big Data". No conflict of interest exits in the submission of this manuscript, and manuscript is approved by all authors for publication. I would like to declare on behalf of my co-authors that the work described was original research that has not been published previously, and not under consideration for publication elsewhere, in whole or in part. All the authors listed have approved the manuscript that is enclosed.

In this work, a deep neural network structure with a stacked autoencoder pretraining with fine-tuning algorithm is adopted for classification based on massive ECG heartbeat sample datasets. I hope this paper is suitable for "IEEE Journal of Biomedical and Health Informatics Special Issue on Big Data".

The following is a list of possible reviewers for your consideration:

1) Yuan-ting Zhang E-mail:ytzhang@ee.cuhk.edu.hk

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 at the address below.

Thank you and best regards.

Yours sincerely,

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