Accepted Manuscript

Title: Epileptic seizure detection based on imbalanced classification and wavelet packet transform

Authors: Qi Yuan, Weidong Zhou, Liren Zhang, Fan Zhang, Fangzhou Xu, Yan Leng, Dongmei Wei, Meina Chen

PII: \$1059-1311(17)30379-5

DOI: http://dx.doi.org/doi:10.1016/j.seizure.2017.05.018

Reference: YSEIZ 2956

To appear in: Seizure

Received date: 1-7-2016 Revised date: 24-5-2017 Accepted date: 27-5-2017

Please cite this article as: Yuan Qi, Zhou Weidong, Zhang Liren, Zhang Fan, Xu Fangzhou, Leng Yan, Wei Dongmei, Chen Meina. Epileptic seizure detection based on imbalanced classification and wavelet packet transform. *SEIZURE: European Journal of Epilepsy* http://dx.doi.org/10.1016/j.seizure.2017.05.018

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Epileptic seizure detection based on imbalanced classification and wavelet packet transform

Qi Yuan^{1,*}, Weidong Zhou², Liren Zhang¹, Fan Zhang³, Fangzhou Xu⁴, Yan Leng¹, Dongmei Wei¹, Meina Chen¹

- ¹ Shandong Province Key Laboratory of Medical Physics and Image Processing Technology, School of Physics and Electronics, Shandong Normal University, Jinan 250014, China
- ² School of Information Science and Engineering, Shandong University, Jinan 250100, China
- ³ Technical Department of Jinan Branch, Shandong Cable Interactive Service LTD, Jinan 250014, China
- ⁴ School of Electrical Engineering and Automation, Qilu University of Technology, Jinan 250353, China
- *Corresponding author: School of Physics and Electronics, Shandong Normal University, 88 East Wenhua Road, Ji'nan, Shandong, P.R. China 250014.

E-mail: yuanqi@sdnu.edu.cn (Qi Yuan).

E-mail addresses: yuanqi@sdnu.edu.cn (Qi Yuan), wdzhou@sdu.edu.cn (Weidong Zhou), zhangliren66@hotmail.com (Liren Zhang), ccfov@126.com (Fan Zhang), matinaxu@163.com (Fangzhou Xu), lyansdu@163.com (Yan Leng), weidongmei@sdnu.edu.cn (Dongmei Wei), mnchen@sdnu.edu.cn (Meina Chen)

Download English Version:

https://daneshyari.com/en/article/4935286

Download Persian Version:

https://daneshyari.com/article/4935286

<u>Daneshyari.com</u>