Accepted Manuscript

The effect of machine learning regression algorithms and sample size on individualized behavioral prediction with functional connectivity features

Zaixu Cui, Gaolang Gong

PII: \$1053-8119(18)30508-1

DOI: 10.1016/j.neuroimage.2018.06.001

Reference: YNIMG 15007

To appear in: Neurolmage

Received Date: 28 February 2018

Revised Date: 31 May 2018 Accepted Date: 1 June 2018

Please cite this article as: Cui, Z., Gong, G., The effect of machine learning regression algorithms and sample size on individualized behavioral prediction with functional connectivity features, *NeuroImage* (2018), doi: 10.1016/j.neuroimage.2018.06.001.

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

The effect of machine learning regression algorithms and sample size on individualized behavioral prediction with functional connectivity features

Zaixu Cui^{1, 2}, Gaolang Gong^{1, 3#}

Corresponding Author:

Gaolang Gong, PhD, State Key Laboratory of Cognitive Neuroscience and Learning, Beijing Normal University, Beijing 100875, China; Tel: +86 1058804678; Fax: +86 1058806154; E-mail: gaolang.gong@bnu.edu.cn

Running title: The influence of regression algorithms and sample size

¹ State Key Laboratory of Cognitive Neuroscience and Learning & IDG/McGovern Institute for Brain Research, Beijing Normal University, Beijing 100875, China

² Department of Psychiatry, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA 19104, USA

³ Beijing Key Laboratory of Brain Imaging and Connectomics, Beijing Normal University, Beijing 100875, China

Download English Version:

https://daneshyari.com/en/article/8686780

Download Persian Version:

https://daneshyari.com/article/8686780

<u>Daneshyari.com</u>