

Accepted Manuscript

Title: Machine-Learning neuroimaging challenge for automated diagnosis of mild cognitive impairment: Lessons learnt

Authors: Isabella Castiglioni, Christian Salvatore



PII: S0165-0270(17)30437-5
DOI: <https://doi.org/10.1016/j.jneumeth.2017.12.019>
Reference: NSM 7925

To appear in: *Journal of Neuroscience Methods*

Authors: Javier Ramirez, Juan Manuel Górriz Sáez

PII: S0165-0270(17)30437-5
DOI: <https://doi.org/10.1016/j.jneumeth.2017.12.019>
Reference: NSM 7925

To appear in: *Journal of Neuroscience Methods*

Received date: 15-11-2017

Please cite this article as: Ramirez Javier, Górriz Sáez Juan Manuel. Machine-Learning neuroimaging challenge for automated diagnosis of mild cognitive impairment: Lessons learnt. *Journal of Neuroscience Methods* <https://doi.org/10.1016/j.jneumeth.2017.12.019>

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.

Letter to the Editors:

Machine-Learning Neuroimaging Challenge for Automated Diagnosis of Mild Cognitive Impairment: Lessons Learnt

Isabella Castiglioni^{(1)(a)*}, Christian Salvatore^{(1)(a)}, Javier Ramirez⁽²⁾, and Juan Manuel Górriz Sáez⁽²⁾

(1) Institute of Molecular Bioimaging and Physiology, National Research Council of Italy (IBFM-CNR), Segrate (MI), Italy

(2) Department of Signal Theory, Networking and Communications, University of Granada, Granada, Spain

(a) equally contributed

* Corresponding Author

Isabella Castiglioni

IBFM-CNR, via F.lli Cervi 93, 20090, Segrate, MI, Italy.

E-mail: isabella.castiglioni@ibfm.cnr.it

Phone: 0039-02-21717552

E-mail addresses: isabella.castiglioni@ibfm.cnr.it (Castiglioni I.), christian.salvatore@ibfm.cnr.it (Salvatore

C.), gorriz@ugr.es (Górriz Saez J.M.).

Number of pages: 12

Number of tables: 4

Not required.

Abstract: This is a letter to editors about the machine learning neuroimaging challenge for automated diagnosis of Mild Cognitive Impairment performed on the Kaggle platform.

This format does not require an abstract.

Keywords: machine learning, neuroimaging, challenge, alzheimer, mild cognitive impairment, fake data, overtraining

Download English Version:

<https://daneshyari.com/en/article/8840344>

Download Persian Version:

<https://daneshyari.com/article/8840344>

[Daneshyari.com](https://daneshyari.com)