## Accepted Manuscript

BRAIM: A computer-aided diagnosis system for neurodegenerative diseases and brain lesion monitoring from volumetric analyses.

Sandra Morales, Angela Bernabeu-Sanz, Fernando López-Mir, Pablo González, Luis Luna, Valery Naranjo

 PII:
 S0169-2607(16)30784-2

 DOI:
 10.1016/j.cmpb.2017.04.006

 Reference:
 COMM 4404

To appear in: Computer Methods and Programs in Biomedicine

Received date:28 July 2016Revised date:14 March 2017Accepted date:12 April 2017

Please cite this article as: Sandra Morales, Angela Bernabeu-Sanz, Fernando López-Mir, Pablo González, Luis Luna, Valery Naranjo, BRAIM: A computer-aided diagnosis system for neurode-generative diseases and brain lesion monitoring from volumetric analyses., *Computer Methods and Programs in Biomedicine* (2017), doi: 10.1016/j.cmpb.2017.04.006

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.



## Highlights

- A computer-aided diagnosis system for brain diseases named BRAIM is presented.
- BRAIM determines whole brain and brain structure volumes in an easy way.
- BRAIM is able to classify a subject according to the brain volume measurements.
- Some study cases were analyzed achieving promising results.
- BRAIM simplifies the daily work of clinicians with quantitative volume data.

Download English Version:

https://daneshyari.com/en/article/4958137

Download Persian Version:

https://daneshyari.com/article/4958137

Daneshyari.com