### **Accepted Manuscript**

Evaluation of the accuracy and precision of the diffusion parameter EStImation with Gibbs and NoisE removal pipeline

Benjamin Ades-Aron, Jelle Veraart, Peter Kochunov, Stephen McGuire, Paul Sherman, Elias Kellner, Dmitry S. Novikov, Els Fieremans

PII: \$1053-8119(18)30682-7

DOI: 10.1016/j.neuroimage.2018.07.066

Reference: YNIMG 15157

To appear in: Neurolmage

Received Date: 31 December 2017

Revised Date: 11 July 2018 Accepted Date: 30 July 2018

Please cite this article as: Ades-Aron, B., Veraart, J., Kochunov, P., McGuire, S., Sherman, P., Kellner, E., Novikov, D.S., Fieremans, E., Evaluation of the accuracy and precision of the diffusion parameter EStlmation with Gibbs and NoisE removal pipeline, *NeuroImage* (2018), doi: 10.1016/j.neuroimage.2018.07.066.

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

# **Evaluation of the accuracy and precision of the Diffusion parameter EStImation with Gibbs and NoisE Removal pipeline**

Benjamin Ades-Aron<sup>1</sup>, Jelle Veraart<sup>1</sup>, Peter Kochunov<sup>2</sup>, Stephen McGuire<sup>3</sup>, Paul Sherman<sup>3</sup>, Elias Kellner<sup>4</sup>, Dmitry S. Novikov<sup>1</sup>, Els Fieremans<sup>1</sup>

Corresponding Author:
Jelle Veraart

Jelle.Veraart@nyumc.org

660 1st Ave, New York, NY 10016

<sup>&</sup>lt;sup>1</sup>Center for Biomedical Imaging, Department of Radiology, New York University School of Medicine, NY, USA

<sup>&</sup>lt;sup>2</sup>Department of Psychiatry, University of Maryland School of Medicine, MD, USA

<sup>&</sup>lt;sup>3</sup>U.S. Air Force School of Aerospace Medicine, Aeromedical Research Department, 2510 5th Street, Building 840, Wright-Patterson AFB, OH 45433-7913.

<sup>&</sup>lt;sup>4</sup>Department of Diagnostic Radiology, University Medical Center Freiburg, Freiburg, Germany

### Download English Version:

## https://daneshyari.com/en/article/9990830

Download Persian Version:

https://daneshyari.com/article/9990830

<u>Daneshyari.com</u>