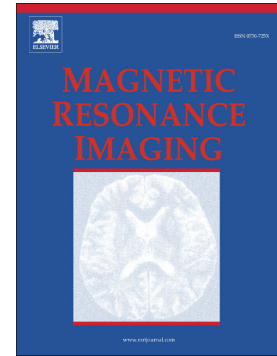


## Accepted Manuscript

A group-level comparison of volumetric and combined volumetric-surface normalization for whole brain analyses of myelin and iron maps

Antonietta Canna, Sara Ponticorvo, Andrea G. Russo, Renzo Manara, Francesco Di Salle, Renato Saponiero, Martina F. Callaghan, Nikolaus Weiskopf, Fabrizio Esposito



PII: S0730-725X(18)30240-6  
DOI: doi:[10.1016/j.mri.2018.08.021](https://doi.org/10.1016/j.mri.2018.08.021)  
Reference: MRI 9033  
To appear in: *Magnetic Resonance Imaging*  
Received date: 18 June 2018  
Revised date: 28 August 2018  
Accepted date: 28 August 2018

Please cite this article as: Antonietta Canna, Sara Ponticorvo, Andrea G. Russo, Renzo Manara, Francesco Di Salle, Renato Saponiero, Martina F. Callaghan, Nikolaus Weiskopf, Fabrizio Esposito, A group-level comparison of volumetric and combined volumetric-surface normalization for whole brain analyses of myelin and iron maps. *Mri* (2018), doi:[10.1016/j.mri.2018.08.021](https://doi.org/10.1016/j.mri.2018.08.021)

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.

F. Esposito

**A Group-level Comparison of Volumetric and Combined Volumetric-Surface Normalization for Whole Brain Analyses of Myelin and Iron Maps**

**Antonietta Canna<sup>a,\*</sup>, Sara Ponticorvo<sup>a,\*</sup>, Andrea G. Russo<sup>a</sup>, Renzo Manara<sup>a</sup>, Francesco Di Salle<sup>a,b</sup>, Renato Saponiero<sup>b</sup>, Martina F. Callaghan<sup>c</sup>, Nikolaus Weiskopf<sup>d</sup>, Fabrizio Esposito<sup>a,b,+</sup>**

<sup>a</sup> Department of Medicine, Surgery and Dentistry, Scuola Medica Salernitana, University of Salerno, Baronissi (Salerno), Italy

<sup>b</sup> Department of Diagnostic Imaging, University Hospital “San Giovanni di Dio e Ruggi D’Aragona”, Scuola Medica Salernitana, Salerno, Italy

<sup>c</sup> Wellcome Centre for Human Neuroimaging, UCL Institute of Neurology, London, UK

<sup>d</sup> Department of Neurophysics, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

**\* These authors contributed equally to the work**

**Short title: Spatial Normalization in qMRI Group Analysis**

**<sup>+</sup> Corresponding author:**

**Fabrizio Esposito, Ph.D.**

**Department of Medicine, Surgery & Dentistry, Scuola Medica Salernitana**

**University of Salerno**

**Via S. Allende**

**84081 Baronissi, Italy**

**Tel.: +39 089 96 50 82**

**Fax: +39 089 96 88 43**

**Email: faesposito@unisa.it**

Download English Version:

<https://daneshyari.com/en/article/9953843>

Download Persian Version:

<https://daneshyari.com/article/9953843>

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