


SCIENTIFIC REPORTS



OPEN Publisher Correction: Personalized structural image analysis in patients with temporal lobe epilepsy

Published online: 09 January 2018

Christian Rummel¹, Nedelina Slavova¹, Andrea Seiler^{1,2}, Eugenio Abela ^{1,2}, Martinus Hauf^{1,3}, Yuliya Burren^{1,4}, Christian Weisstanner¹, Serge Vulliemoz⁵, Margitta Seeck⁵, Kaspar Schindler² & Roland Wiest¹

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-017-10707-1>, published online 07 September 2017

The original version of this Article contained extensive errors in the Reference list. References 18–21 were incorrectly listed as references 53–56 and references 22–56 were incorrectly listed as references 18–52 respectively.

In addition, this Article contained the following typographical errors in the reference citations.

In the Introduction section,

“While some authors demonstrated an additional yield of voxel based morphometry (VBM) for analysis^{2,18–20}, others stressed the poor sensitivity and specificity of morphometric grey matter (GM) alterations^{7,25}”.

now reads:

“While some authors demonstrated an additional yield of voxel based morphometry (VBM) for analysis^{2,18–24}, others stressed the poor sensitivity and specificity of morphometric grey matter (GM) alterations^{7,25}”.

In the Conclusion section,

“A similar approach with VBM volumes has previously been followed by Huppertz *et al.*^{2,14,15}”.

now reads:

“A similar approach with VBM volumes has previously been followed by Huppertz *et al.*^{2,18,19}”.

In the Materials and Methods section, under the subsection ‘Automated image procession and quality control’,

“The total volumes of CSE, GM and WM were estimated using FSL (<http://fsl.fmrib.ox.ac.uk/fsl/fslwiki/>, version 5.0²⁹)”.

now reads:

¹Support Center for Advanced Neuroimaging (SCAN), University Institute for Diagnostic and Interventional Neuroradiology, Inselspital Bern, University of Bern, Bern, Switzerland. ²Sleep-Wake- Epilepsy-Center, Department of Neurology, Inselspital Bern, University of Bern, Bern, Switzerland. ³Epilepsy Clinic, Tschugg, Switzerland. ⁴University Hospital of Psychiatry, University of Bern, Bern, Switzerland. ⁵Presurgical Epilepsy Evaluation Unit, Neurology Department, University Hospital of Geneva, Geneva, Switzerland. Christian Rummel and Nedelina Slavova contributed equally to this work. Kaspar Schindler and Roland Wiest jointly supervised this work. Correspondence and requests for materials should be addressed to C.R. (email: rummel@web.de)

“The total volumes of CSE, GM and WM were estimated using FSL (<http://fsl.fmrib.ox.ac.uk/fsl/fslwiki/>, version 5.0³³)”.

“Finally, this article contained an error in Ref.³² where”

“Rummel, C. *et al.* A fully automatic pipeline for surface-based morphometry in individual patients. under review (2017)”.

now reads:

“Rummel, C. *et al.* A fully automated pipeline for normative atrophy in patients with neurodegenerative disease. under review at *Frontiers in Neurology* (2017)”.



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article’s Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article’s Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2017