



Correction to: Quantitative susceptibility atlas construction in Montreal Neurological Institute space: towards histological-consistent iron-rich deep brain nucleus subregion identification

Chenyu He¹ · Xiaojun Guan² · Weimin Zhang¹ · Jun Li¹ · Chunlei Liu³ · Hongjiang Wei⁴ · Xiaojun Xu² · Yuyao Zhang^{1,5}

Published online: 24 January 2023

© Springer-Verlag GmbH Germany, part of Springer Nature 2023

Correction to: Brain Structure and Function

<https://doi.org/10.1007/s00429-022-02547-1>

The following omission and error regarding the references need to be corrected:

The authors missed the acknowledgment of the methodological inspiration of image fusion. The multi-modal fusion method for building the atlas originated from a research article (Xiao et al. 2015).

The reference for the PD-25 atlas is incorrectly cited in the first paragraph of the introduction. The original paper proposing the PD-25 atlas is a journal article (Xiao et al. 2017). The authors incorrectly cited a conference paper (Xiao et al. 2012), which is not the main paper that proposed the PD-25 atlas.

References

- Xiao Y, Bailey L, Chakravarty MM, Beriault S, Sadikot AF, Pike GB, Collins DL (2012) Atlas-based segmentation of the subthalamic nucleus, red nucleus, and substantia nigra for deep brain stimulation by incorporating multiple MRI contrasts. In: International conference on information processing in computer-assisted interventions. Springer, Berlin, pp 135–145
- Xiao Y, Fonov V, Beriault S, Subaie FA, Chakravarty MM, Sadikot AF, Pike GB, Collins DL (2015) Multi-contrast unbiased MRI atlas of a Parkinson's disease population. *Int J Comput Assist Radiol Surg* 10(3):329–341
- Xiao Y, Fonov V, Beriault S, Subaie FA, Chakravarty MM, Sadikot AF, Pike GB, Collins DL (2017) A dataset of multi-contrast population-averaged brain MRI atlases of a Parkinson's disease cohort. *Data Brief* 12:370–379

Publisher's Note Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at <https://doi.org/10.1007/s00429-022-02547-1>.

✉ Yuyao Zhang
zhangyy8@shanghaitech.edu.cn

Chenyu He
hechy1@shanghaitech.edu.cn

Xiaojun Guan
xiaojunguan1102@zju.edu.cn

Weimin Zhang
zhangwm@shanghaitech.edu.cn

Jun Li
lijun4@shanghaitech.edu.cn

Chunlei Liu
chunlei.liu@berkeley.edu

Hongjiang Wei
hongjiang.wei@sjtu.edu.cn

Xiaojun Xu
xxjmailbox@zju.edu.cn

¹ School of Information Science and Technology, ShanghaiTech University, 393 Huaxia Road, Shanghai 201210, China

² Department of Radiology of The Second Affiliated Hospital, Zhejiang University School of Medicine, 88 Jiefang Road, Hangzhou 310009, Zhejiang, China

³ Electrical Engineering and Computer Science, University of California at Berkeley, Berkeley, CA 94720, United States

⁴ School of Biomedical Engineering, Shanghai Jiao Tong University, 800 Dongchuan Road, Shanghai 200030, China

⁵ Shanghai Engineering Research Center of Intelligent Vision and Imaging, ShanghaiTech University, 393 Huaxia Road, Shanghai 201210, China