Erratum to: Quantitative assessment of subcortical atrophy and iron content in progressive supranuclear palsy and parkinsonian variant of multiple system atrophy

Jae-Hyeok Lee · Yong-Hee Han · Bok-Man Kang ·
Chi-Woong Mun · Sang-Jae Lee · Seung-Kug Baik

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The original version of this article unfortunately contained mistakes. The authors wish to make the following corrections.

1. In Table 1, “Gender” is misspelled as “der”.
2. In Table 2, $R2^*$ values were erroneously represented as the total sum of bilateral values. They should be corrected as the average (or one-half) of bilateral values. In Fig. 1, $R2^*$ values on the vertical axis were corrected to one-half of the original values. This correction does not have an influence on our statistical results.

3. In Fig. 1, correlation analyses were carried out over volume and $R2^*$ value for each bilateral structure. The phrase ‘for each bilateral structure’ was added to the legend of Fig. 1.

The correct Tables 1, 2, and Fig. 1 are given in the following pages.

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J.-H. Lee (✉)
Department of Neurology, Research Institute for Convergence of
Biomedical Science and Technology, Pusan National University
Yangsan Hospital, Beomo-ri, Mulgum-eup, Yangsan,
Gyeongsangnam-do 626-770, South Korea
e-mail: jhlee.neuro@pusan.ac.kr

Y.-H. Han · B.-M. Kang · C.-W. Mun
Department of Biomedical Engineering, Inje University,
Gimhae, South Korea

S.-J. Lee
School of Korean Medicine, Pusan National University,
Yangsan, South Korea

S.-K. Baik
Department of Diagnostic Radiology, Research Institute for
Convergence of Biomedical Science and Technology, Pusan
National University Yangsan Hospital, Yangsan, South Korea

Table 1 Clinical and demographic characteristics of patients and healthy controls

	Controls	PD	MSA-p	PSP	Significance
Gender (M/F)	12/9	17/12	4/11	8/5	$p = 0.168$ $\chi^2(3) = 5.06$
Age (years)	60.00 $\pm$ 6.1	59.10 $\pm$ 7.6	57.87 $\pm$ 8.5	62.00 $\pm$ 5.2	$p = 0.461$ $F(3,74) = 0.87$
UPDRS III	NA	25.45 $\pm$ 9.2	41.07 $\pm$ 9.3	35.31 $\pm$ 5.6	$p < 0.001$ $F(2,54) = 17.937$
H-Y stage	NA	2.05 $\pm$ 0.5	2.97 $\pm$ 0.5	3.04 $\pm$ 0.3	$p < 0.001$ $F(2,54) = 29.806$
Duration (months)	NA	29.41 $\pm$ 22.2	22.73 $\pm$ 8.7	27.62 $\pm$ 15.5	$p = 0.537$ $F(2,54) = 0.630$

Data are shown as number or mean $\pm$ standard deviation

Values are expressed as χ^2 statistics for categorical variables and F statistics for continuous variables

Controls healthy controls, *PD* Parkinson's disease, *MSA-p* parkinsonian variant of multiple system atrophy, *PSP* progressive supranuclear palsy, *UPDRS III* the motor examination part of the Unified Parkinson's Disease Rating Scale, *H-Y* Hoehn & Yahr

Table 2 Regional R2* values and volumes

	Controls	PD	MSA-p	PSP	F value	P value
Data are shown as mean $\pm$ standard deviation <i>Controls</i> healthy controls, <i>PD</i> Parkinson's disease, <i>MSA-p</i> parkinsonian variant of multiple system atrophy, <i>PSP</i> progressive supranuclear palsy, <i>PUT</i> putamen, <i>GP</i> globus pallidus, <i>CN</i> caudate nucleus, <i>TH</i> thalamus	R2* values (s ⁻¹)					
	PUT	29.93 $\pm$ 4.2	27.32 $\pm$ 4.6	34.65 $\pm$ 9.7	30.75 $\pm$ 4.8	13.166 <0.001
	GP	38.21 $\pm$ 9.5	38.76 $\pm$ 7.8	40.92 $\pm$ 7.6	45.49 $\pm$ 11.1	4.347 0.006
	CN	20.90 $\pm$ 2.8	21.17 $\pm$ 2.1	20.83 $\pm$ 2.0	23.19 $\pm$ 3.1	5.862 0.001
	TH	18.88 $\pm$ 2.6	18.52 $\pm$ 2.1	17.91 $\pm$ 1.6	17.88 $\pm$ 2.7	1.648 0.181
	Volumes (mm ³)					
	PUT	4758.43 $\pm$ 444.4	4653.65 $\pm$ 500.6	3802.35 $\pm$ 563.8	4191.90 $\pm$ 476.4	27.887 <0.001
	GP	1825.90 $\pm$ 227.3	1779.22 $\pm$ 197.9	1574.55 $\pm$ 226.7	1415.40 $\pm$ 195.0	27.932 <0.001
	CN	3262.27 $\pm$ 341.8	3201.47 $\pm$ 412.8	2958.51 $\pm$ 377.6	2815.88 $\pm$ 394.1	10.090 <0.001
	TH	7673.30 $\pm$ 581.4	7549.53 $\pm$ 623.1	7192.41 $\pm$ 566.4	6812.74 $\pm$ 599.2	14.173 <0.001

Fig. 1 The correlation of R2* values with volumes for each bilateral structure. Significant correlations between R2* values and volumes were observed in the putamen ($r = -0.777$, $p < 0.001$) and globus

pallidus ($r = -0.409$, $p = 0.025$) of MSA-p, and globus pallidus ($r = -0.4$, $p = 0.043$) of PSP. PUT, putamen; GP, globus pallidus