CORRECTION

MRI predictors of cognitive outcome in early multiple sclerosis

In the article "MRI predictors of cognitive outcome in early multiple sclerosis" by M.S.A. DeLoire et al. (*Neurology*® 2011;76:1161–1167), Table 4 is incorrect. Please refer to the corrected table below. The authors regret the errors.

Table 4 Linear regression models predicting change in cognitive z scores over 7 years from MR parameters at baseline or changes over 2 years^a

Cognitive z scores change (y7-baseline)	MR parameters included in models	R: Univariate analyses	p Values: Univariate analyses	Adjusted R ² model	p Values: Multivariate analyses
Memory domain ^b	Baseline EDSS ^c	−0.095	0.54	0.144	<0.05
	Baseline LL ^d	−0.333	<0.05		
	Baseline BPF	0.126	0.42		
	Baseline VF	−0.175	0.26		
	Baseline mean lesion MTR ^d	0.253	0.10		
	Baseline mean NABT MTR ^c	0.377	<0.05		
	Baseline EDSS ^c	−0.095	0.54	0.009	0.54
	LL change over 2 y	−0.085	0.59		
	BPF change over 2 y ^d	0.200	0.19		
	VF change over 2 y ^d	−0.290	<0.05		
	Mean lesion MTR change over 2 y	−0.090	0.57		
	Mean NABT MTR change over 2 y	−0.057	0.72		
	Baseline EDSS ^c	−0.273	0.07	0.416	<0.0001
	Baseline LL ^d	−0.425	<0.01		
IPS domain ^e	Baseline BPF ^c	0.551	<0.0001		
	Baseline VF ^d	−0.414	<0.01		
	Baseline mean lesion MTR	0.148	0.34		
	Baseline mean NABT MTR ^c	0.511	<0.001		
	Baseline EDSS ^c	−0.273	0.07	0.326	<0.001
	LL change over 2 y	0.117	0.45		
	BPF change over 2 y ^d	0.435	<0.01		
	VF change over 2 y ^c	−0.545	<0.0001		
	Mean lesion MTR change over 2 y	0.163	0.29		
	Mean NABT MTR change over 2 y	−0.016	0.92		

Abbreviations: BPF = brain parenchymal fraction; EDSS = Expanded Disability Status Scale; IPS = information processing speed; LL = lesion load; MADRS = Montgomery Åsberg Depression Rating Scale; MR = magnetic resonance; MTR = magnetization transfer ratio; NABT = normal-appearing brain tissue; VF = ventricular fraction.

^a Univariate analyses for age, MADRS scores, gender, and educational levels showed nonsignificant results ($p > 0.05$). Variables with a p value < 0.25 in univariate analyses were included in multivariate analyses. For statistical analysis and further details, see Methods.

^b Memory domain includes the Selective Reminding Test (long-term storage; consistent long-term retrieval; delayed recall) and the Spatial Recall Test (recall score and Delayed recall).

^c Variables significantly correlated to cognitive change in multivariate analyses.

^d Variables included in multivariate analyses but not significantly correlated with cognitive z scores changes in final models.

^e IPS domain includes the Symbol Digit Modalities Test and the Paced Auditory Serial Addition test (3 s and 2 s versions).

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