CORRECTION

Correction to: Effectiveness of working memory training among children with dyscalculia: evidence for transfer effects on mathematical achievement—a pilot study

Smail Layes[1,2] · Robert Lalonde[2,3] · Yamina Bouakkaz[1] · Mohamed Rebai[2]

Correction to: Cognitive Processing (2018) 19:375–385
https://doi.org/10.1007/s10339-017-0853-2

The following errors require correction in the article. The authors apologize for these errors.

1. In the abstract, the term "dyslexia" should be replaced by the term "dyscalculia". Furthermore, the mean age of the experimental group was not "129.74 months" but "115.29 months", whereas the mean age of the control group was not "126.9 months" but "116.07 months".
2. In the section "Participants" the mean ages of the experimental group and of the control group should accordingly be replaced by "115.29 months (SD = 3.60 months)" and "116.07 months (SD = 1.07 months)", respectively.
3. In the section "Training Effects", t (2.05) should be replaced by t (26), and t (15) should be replaced by t (13).

4. In Table 2, the titles "Control group" and "Experimental group" should be swapped, and the title "Difference (= 2.05) (ns)" should be replaced by "Difference, t (26)". In the row "Age", "M = 116.00, SD = .00" should be replaced by "M = 116.07, SD = 1.07", and "t = − .74" should be replaced by "t = .78". In the row "Mental calculation", "M = 9.43, SD 1.15" should be replaced by "M = 9.57, SD = 1.08". The correct table is reproduced below.
5. In Table 3, the titles "Control group" and "Experimental group" should be swapped. In the row "Dictation of number", Cohen's d "0.25" should be replaced by "2.50". In the row "Total math", "M = 38.36, SD = 1.59" should be replaced by "M = 38.57, SD = 1.82". The correct table is reproduced below.

✉ Smail Layes
  smail.layes@gmail.com

  Robert Lalonde
  robert.lalonde@univ-rouen.fr

  Yamina Bouakkaz
  yaminabouakkaz70@gmail.com

  Mohamed Rebai
  mohamed.rebai@univ-rouen.fr

[1] School of Psychology, University of El-Oued, El-Oued, Algeria

[2] CRFDP, Normandie Université, Rouen, France

[3] UFR des Sciences de l'Homme et de la société, Place Emile Blondel, Bât Freinet, 76821 Mont Saint Aignan Cedex, France

Table 2 Differences between the experimental and control groups in pre-intervention measures

Measures	Control group		Experimental group		Difference t (26) (ns)
	M	SD	M	SD	
Age	116.07	1.07	115.29	3.60	.78
Raven	28.57	.64	28.71	3.70	.14
Counting backward	2.50	.51	2.36	1.00	.47
Dictation of number	8.71	.46	9.00	1.30	.77
Mental calculation	9.57	1.08	9.57	2.06	.22
Reading numbers	9.43	.51	9.29	3.19	.16
Writ. number comparison	7.36	.49	7.07	1.20	.81
Total Math	37.57	1.39	37.29	5.26	.19
Forward digit span	6.14	.86	5.86	.77	.92
Backward digit span	4.71	.46	4.86	.66	.65
Total WM	10.86	.86	10.71	1.13	.37

Table 3 Differences between the experimental and control groups in post-intervention measures

Measures	Control group		Experimental group		Difference ($t=2.05$)	Cohen's d
	M	(SD)	M	(SD)		
Raven	29.00	.68	30.64	2.40	2.24*	0.85
Counting backward	2.57	.51	3.93	.26	8.77***	3.35
Dictation of numbers	8.86	.66	12.86	2.17	6.57***	2.50
Mental calculation	9.64	1.21	13.29	1.49	7.08***	2.68
Reading numbers	9.71	.61	12.71	.99	9.61***	3.64
Writ. number comparison	7.57	.51	8.71	.46	6.15***	2.34
Total Math	38.57	1.82	51.50	4.20	10.93***	4.38
Forward digit span	6.29	.91	9.86	1.29	8.44***	3.19
Backward digit span	4.93	.26	9.29	1.63	9.82***	3.73
Total WM	11.21	.89	19.14	2.59	10.80***	4.09

$* p < .05$; $** p < .01$; $*** p < .001$

Table 4 Differences between pre- and post-intervention measures for the experimental and control groups

Measures	Control group			Experimental group		
	Difference	t value	Cohen's d	Difference	t value	Cohen's d
Raven	.43	2.48*	0.65	1.92	3.22***	0.61
Counting backward	.07	.56		1.57	5.39***	2.14
Dictation of number	.14	.69		3.85	6.32***	2.15
Mental calculation	.21	.56		3.71	5.71***	2.06
Reading numbers	.28	2.28*	0.49	3.42	3.53***	1.44
Writ. number comp	.21	1.38		1.64	5.34***	1.80
Total Math	.79	2.13		14.21	8.69***	2.98
Forward digit span	.14	.80		4.00	11.01***	3.76
Backward digit span	.21	1.88		4.42	11.01***	3.56
Total WM	.35	1.79		8.42	12.44***	3.56

$* p < .05$; $** p < .01$; $*** p < .001$

6. In Table 4, all negative values should be positive. In the row "Total math", "− 1.00" should be replaced by ".79". The correct table is reproduced below.

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