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Correction to: Bilingualism is associated with a delayed onset of dementia but not with a lower risk of developing it: A systematic review with meta-analyses

Stefano Brini

Hamid R. Sohrabi Edith Cowan University, h.sohrabi@ecu.edu.au

Jeffrey J. Hebert

Mitchell R. L. Forrest

Matti Laine

See next page for additional authors

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Authors

Stefano Brini, Hamid R. Sohrabi, Jeffrey J. Hebert, Mitchell R. L. Forrest, Matti Laine, Heikki Hämäläinen, Mira Karrasch, Jeremiah J. Peiffer, Ralph N. Martins, and Timothy J. Fairchild

CORRECTION



Correction to: Bilingualism Is Associated with a Delayed Onset of Dementia but Not with a Lower Risk of Developing it: a Systematic Review with Meta-Analyses

Stefano Brini^{1,2,3,10} · Hamid R. Sohrabi^{1,4,5} · Jeffrey J. Hebert^{1,6} · Mitchell R. L. Forrest¹ · Matti Laine^{2,7} · Heikki Hämäläinen^{2,10} · Mira Karrasch⁷ · Jeremiah J. Peiffer¹ · Ralph N. Martins^{4,5,8} · Timothy J. Fairchild^{1,9}

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Correction to: Neuropsychology Review

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The original version of this article unfortunately contained the following mistakes.

- 1. In the **Results** section under the paragraph **Disease Severity**, the sentence "The PIs ranged between -0.47 and 0.57 MMSE points" should read -0.49 and 0.59 MMSE points.
- 2. In Figs. 3, 5, and 7, the labels "favour bilinguals" and "favours monolinguals" should be inverted. Therefore, it should be "favours monolinguals" and "favours bilinguals". Please see below for the correct figures.

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Stefano Brini stefano.brini@city.ac.uk

- ¹ Discipline of Psychology, Exercise Science, Chiropractic and Counselling, Murdoch University, Perth, Western Australia, Australia
- ² Turku Brain and Mind Center, Turku, Finland
- ³ Health Services Research and Management School of Health Sciences, City, University of London, London, UK
- ⁴ School of Medical and Health Sciences, Edith Cowan University, Perth, Western Australia, Australia

- ⁵ Department of Biomedical Sciences, Macquarie University, Macquarie Park, New South Wales, Australia
- ⁶ Faculty of Kinesiology, University of New Brunswick, Fredericton, Canada
- ⁷ Department of Psychology, Åbo Akademi University, Turku, Finland
- ⁸ Australian Alzheimer's Research Foundation, Perth, Western Australia, Australia
- ⁹ Centre for Molecular Medicine and Innovative Therapeutics, Murdoch University, Perth, Western Australia, Australia
- ¹⁰ Department of Psychology and Speech-Language Pathology, University of Turku, Turku, Finland

Study name			Stati	stics for	each st	udy	MD and 95% CI				
	BL mean age	ML mean age	MD	LL	UL	p-Value					
Bialystok 2014	70.0	66.5	3.5	-2.7	9.7	0.266			+	-	-
Ossher 2013a	79.4	74.9	4.5	0.9	8.1	0.014			-		
Ossher 2013b	72.6	75.2	-2.6	-7.3	2.1	0.280				-	
Ramakrishnan 2017	65.2	58.1	7.1	2.4	11.8	0.003					
Total			3.2	-3.4	9.7	0.223		-			
							-12.0	-6.0	0.0	6.0	12.0
Q = 8.91, df = 3, p = 0.031;	$Q = 8.91, df = 3, p = 0.031; I^2 = 66.34; T = 3.34; T^2 = 11.13$						Fav	ours monoling	guals	Favours bilinguals	

Fig. 3 Forest plot showing the mean difference (MD) in the age of MCI diagnosis between bilinguals (BL) and monolinguals (ML); MCI: Mild cognitive impairment; LL: lower limit, UP: upper limit; CI: confidence interval

Group by Diagnosis	Study name		Statistics for each study					MD and 95% CI				
~		BL mean age	ML mean age	MD	LL	UL	p-Value					
AD	Bialystok 2014	78.2	70.9	7.3	2.8	11.8	0.001					
AD	Chertkow 2010	77.6	76.7	0.9	-0.3	2.1	0.143			÷∎	F	
AD	Clare 2014	79.3	76.2	3.0	-0.4	6.4	0.080			-+-		
AD	Craik 2010	80.8	76.5	4.3	1.9	6.7	0.000					
AD	Perani 2017	77.1	71.4	5.7	3.7	7.7	0.000					
AD	Schweizer 2012	78.9	77.3	1.6	-3.0	6.2	0.492					
AD	Woumans 2015	77.3	72.5	4.8	1.4	8.2	0.005					
AD	Zheng 2018	74.4	67.5	6.9	3.6	10.2	0.000					
AD: total				4.2	2.0	6.4	0.002					
Dementia	Alladi 2013	68.1	63.4	4.7	3.0	6.4	0.000					
Dementia	Alladi 2017	64.2	61.0	3.2	0.4	6.0	0.023			-		
Dementia	Bialystok 2007	78.6	75.4	3.2	0.6	5.8	0.014			-		
Dementia	Lawton 2015	81.1	79.3	-1.8	-4.9	1.3	0.257			╼═╾┼╼		
Dementia	Ljungberg 2016	80.7	81.9	-1.2	-5.0	2.6	0.537			╶─■┼─	_	
Dementia: total				1.9	-0.9	4.7	0.157					
								-12.0	-6.0	0.0	6.0	12.0

 $Q = 48.24, df = 12, p < .001; I^2 = 75.12; T = 2.20; T^2 = 4.83$

Fig. 5 Forest plot showing the mean difference (MD) in the subgroup meta-analysis comparing studies including participants with AD to studies including participants with dementia on the age of AD and

dementia diagnosis between bilinguals (BL) and monolinguals (ML); AD: Alzheimer's disease; LL: lower limit, UP: upper limit; CI: confidence interval

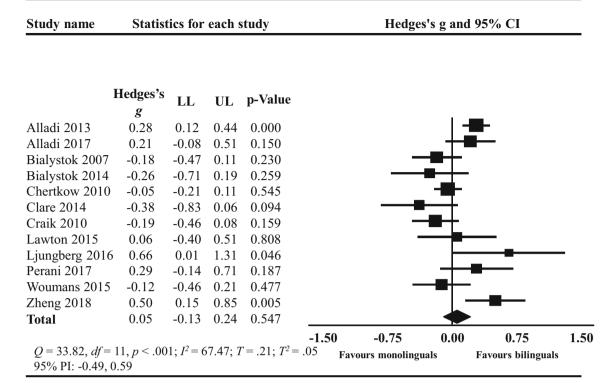


Fig. 7 Forest plot showing the standardized mean difference (Hedges's g) in the degree of disease severity at dementia diagnosis between bilinguals (BL) and monolinguals (ML); LL: lower limit, UP: upper limit; CI: confidence interval

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