

## Erratum

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# Waist Circumference and Domain-Specific Cognitive Function among Non-demented Japanese Older Adults Stratified by Sex: Results from the Takashima Cognition Study

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1. The test scores of 'WAIS-R Digit Span Forward test' on page 891-2 and the 'Backward test' on page 891-2 were miscalculated, though the main conclusions are correct. The corrected tables 2A and 2B are provided below.
2. Additionally, the description of the statistical model for a sensitivity analysis and the text below 'Supplementary Tables 1A and 1B' contained errors.

On page 889, in the section 'Additional variables': from the controlled variables, 'drinking' duplicates with 'alcohol status'.

This also applies for the footnote below 'Supplementary Tables 1A and 1B':

Where it says:

'Model 3: age, years of education, drinking, marital status, frequency of sports, alcohol status, smoking status, Japanese geriatric depression scale score, the number of prescription medication and medical history including hypertension, cardiovascular disease diabetes mellitus, stroke and cancer.'

It should be:

'Model 3: age, years of education, marital status, frequency of sports, alcohol status, smoking status, Japanese geriatric depression scale score, the number of prescription medication and medical history including hypertension, cardiovascular disease diabetes mellitus, stroke and cancer.'

Table 2A  
Waist circumference and cognitive functions of women by age group

	Age group					
	65–74		75–84		85+	
Exposure						
Waist circumference, cm	80.7	(10.02)	82.7	(10.45)	79.1	(11.95)
Raw test scores of outcomes						
Domain-specific cognitive function, raw score						
ADAS Word List Immediate Recall	9.4	(3.57)	10.4	(3.48)	14.2	(4.28)
ADAS Word List Delayed Recall	2.8	(2.04)	3.5	(2.65)	5.0	(2.48)
WAIS-R Block Design-5 blocks, even numbers	14.5	(3.86)	11.4	(4.62)	8.1	(3.88)
<b>WAIS-R Digit Span Backward</b>	<b>5.3</b>	<b>(1.44)</b>	<b>4.8</b>	<b>(1.49)</b>	<b>4.4</b>	<b>(1.44)</b>
<b>WAIS-R Digit Span Forward</b>	<b>5.8</b>	<b>(2.25)</b>	<b>5.6</b>	<b>(1.81)</b>	<b>5.2</b>	<b>(1.74)</b>
Trail making Test A: connections per second	0.5	(0.20)	0.4	(0.14)	0.3	(0.09)
Trail making Test B: connections per second	0.2	(0.07)	0.2	(0.07)	0.1	(0.06)
Rey-Osterrieth Complex Figure: Copy	21.5	(1.96)	20.4	(2.96)	18.3	(3.59)
Rey-Osterrieth Complex Figure: Immediate Answer	17.5	(3.41)	13.6	(5.04)	10.9	(4.69)
Rey-Osterrieth Complex Figure: Delayed Answer	17.1	(2.96)	12.6	(5.4)	8.2	(5.38)
Verbal Fluency Category	31.8	(7.84)	28.5	(6.43)	23.5	(5.94)
Verbal Fluency Letter	9.2	(3.43)	8.6	(3.35)	7.5	(2.84)

Note. Data indicate mean (standard deviation) unless otherwise indicated. For Word List Immediate Recall and Word List Delayed Recall, low scores indicate better cognitive function. In other test items, higher scores indicate better cognitive function. ADAS: Alzheimer's Disease Assessment Scale, WAIS-R: Wechsler Adult Intelligence Scale Revised.

Table 2B  
Waist circumference and cognitive functions of men by age group

	Age group (years)					
	65–74		75–84		85+	
Exposure						
Waist circumference, cm	85.9	(8.67)	85.1	(8.59)	84.8	(9.41)
Raw test scores of Outcomes						
Domain-specific cognitive function, raw score						
ADAS Word List Immediate Recall	10.3	(3.76)	12.8	(3.78)	14.9	(4.85)
ADAS Word List Delayed Recall	3.0	(2.05)	4.6	(2.48)	6.0	(2.48)
WAIS-R Block Design-5 blocks, even numbers	13.5	(4.11)	11.2	(3.17)	8.6	(5.03)
<b>WAIS-R Digit Span Backward</b>	<b>4.8</b>	<b>(1.36)</b>	<b>4.5</b>	<b>(1.48)</b>	<b>4.2</b>	<b>(1.52)</b>
<b>WAIS-R Digit Span Forward</b>	<b>5.9</b>	<b>(1.98)</b>	<b>6.0</b>	<b>(1.90)</b>	<b>5.8</b>	<b>(2.27)</b>
Trail making Test A: connections per second	0.5	(0.21)	0.4	(0.11)	0.3	(0.12)
Trail making Test B: connections per second	0.2	(0.08)	0.1	(0.07)	0.1	(0.06)
Rey-Osterrieth Complex Figure: Copy	20.7	(2.47)	19.7	(2.93)	18.5	(3.36)
Rey-Osterrieth Complex Figure: Immediate Answer	17.0	(4.19)	13.5	(5.08)	11.8	(5.03)
Rey-Osterrieth Complex Figure: Delayed Answer	16.2	(4.71)	12.2	(5.50)	10.4	(5.55)
Verbal Fluency Category	30.4	(8.68)	26.4	(6.07)	23.4	(6.52)
Verbal Fluency Letter	8.5	(3.59)	8.0	(2.84)	7.7	(3.04)

Note. Data indicate mean (standard deviation) unless otherwise indicated. For Word List Immediate Recall and Word List Delayed Recall, low scores indicate better cognitive function. In other test items, higher scores indicate better cognitive function. ADAS: Alzheimer's Disease Assessment Scale, WAIS-R: Wechsler Adult Intelligence Scale Revised.