

Table S1. Complete demographic data and background tests: comparison of groups.

<b>Data</b>	<b>Mean (SD) W-O group</b>	<b>Mean (SD) O-W group</b>
Age	23.96 (4.88)	23.44 (3.44)
Gender (% of Female)	71	76
Laterality (% of Right-handed)	62,5	88
Age of formal acquisition of English as an L2	10.88 (0.54)	10.96 (0.2)
Reading frequency	3.75 (1.22)	3.92 (1.12)
Book read number per year	3.21 (1.14)	3.16 (1.07)
French exposure	1.08 (0.28)	1.04 (0.2)
English exposure	2.58 (0.65)	2.44 (0.51)
Socio-economic status	5.13 (1.29)	4.7 (1.13)
Dialang self-assessment (DSA): A1	0	1
A2	0	0
B1	9	9
B2	9	8
C1	6	7
Dialang level (DL – out of 1000):	669.33 (168.10)	684.8 (153.99)
Dialang Oral Comprehension (DOC) test: A1	3	6
A2	10	4
B1	4	2
B2	5	7
C1	2	6
Dialang Written Vocabulary (DWV) test: A1	0	1
A2	3	3
B1	6	3
B2	13	15
C1	2	3
« Alouette » Reading time (in sec.)	89.07 (11.28)	88.15 (14.66)
« Alouette » number of words correctly read (out of 265)	265 (0)	260.96 (4.08)

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« Pollueur » number of words correctly read in one			
	minute (out of 296)	194.33 (21.92)	198.28 (30.64)
Number of pseudowords correctly read (out of 36)			
		33.25 (2.09)	33.24 (2.79)
Pseudoword reading time (in ms.)			
		646.21 (124.98)	652.72 (125.23)
Word dictation score (out of 20)			
		16.29 (2.31)	16 (3.73)
Word dictation time (in sec.)			
		85.12 (14.23)	82.28 (12.80)
Pseudoword dictation score (out of 10)			
		8.5 (1.14)	8.4 (1.16)
Pseudoword dictation time (in sec.)			
		46.93 (4.99)	47.01 (7.47)
Initial phoneme deletion score (out of 10)			
		7.83 (2.85)	8.36 (2.45)
Spoonerism score (out of 20)			
		17.63 (3.32)	18.84 (1.57)
Symbol barrage score			
		24.21 (5.06)	22.76 (6.89)
Picture naming time (in sec.)			
		13.64 (1.57)	14.82 (3.33)
Letter naming time (in sec.)			
		15.62 (2.09)	15.90 (3.52)
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Raven Progressive Matrix Score (out of 30)		24.83 (2.33)	24.72 (3.20)
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*Note.* We checked the correlation between Dialang level (out of 1000) and other Dialang measures (DOC: Dialang Oral Comprehension ; DSA: Dialang Self Assessment ; DWV: Dialang Written Vocabulary ; DL: Dialang Level):

	DOC	DSA	DWV
DL	.78	.64	.69
	DOC	.73	.68
		DSA	.53