

SUPPLEMENTARY MATERIAL

Experimental dyspnea interferes with locomotion and cognition: a randomised trial

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Table S1: Results summary

	Calm breathing		Experimental dyspnea	
TESTS *	Loaded breathing first	Unloaded breathing first	Loaded breathing first	Unloaded breathing first
LOCOMOTION				
TUG (seconds)	9.35 ± 1.50	8.95 ± 1.36	10.09 ± 1.53	8.99 ± 1.36
iTUG (seconds)	6.69 ± 2.23	7.03 ± 2.11	6.35 ± 1.55	6.05 ± 1.29
EXECUTIVE FUNCTION				
Verbal Fluency Test (# word)				
Categorical	34.9 ± 8.17	35.4 ± 8.34	29.80 ± 7.94	36.7 ± 8.04
Lexical	26.10 ± 6.58	24.05 ± 4.77	22.7 ± 7.77	26.20 ± 7.47
Trail Making Test (seconds)				
A	6.13 ± 3.10	18.61 ± 4.03	17.98 ± 4.56	15.02 ± 4.55
B	33.47 ± 10.81	43.04 ± 10.60	39.68 ± 12	30.90 ± 15.47
PROCESSING SPEED				
CODE (# correct association)	88.10 ± 14.81	81.3 ± 12.37	77 ± 15.42	92.05 ± 16.21
WORKING MEMORY				
Memory span (# correct sequence)				
Direct	10.5 ± 1.7	10.3 ± 1.3	9.3 ± 1.49	10.15 ± 1.63
Indirect	7.2 ± 2.24	6.45 ± 1.79	6.45 ± 1.88	7.3 ± 2.05

*Plus-minus values are means ± standard deviation.

TUG : Test Up and Go, iTUG : imagined Test Up and Go, TMT : Trail Making Test, CODE: CODE test