

Supplementary file
Table S1: Intergroup comparisons of physical activity and control before activity (pedaling or reading) in Alzheimer's disease patients

	Physical Activity Group (n=27)		Reading Activity Group (n=26)		<i>p</i>
	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	
Stroop (Interference Score)	9.85	1.20	10.31	1.46	0.24
Hanoi (time en secondes)	90.66	7.76	91.5	8.11	0.73
Hanoi (number of moves)	13.89	0.58	13.19	2.28	0.61
Memory (digit span forward)	3.17	0.18	3.21	0.16	0.32
Memory (digit span backward)	2.82	0.16	2.81	0.17	0.86

Table S2: Intergroup comparisons of physical and post-activity control (pedaling and reading) in Alzheimer's disease patients

	Physical Activity Group (n=27)		Reading Activity Group (n=26)		<i>P</i>
	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	
Stroop (Interference Score)	8.11	0.84	10.65	1.44	0.000
Hanoi (time en secondes)	81.41	8.45	94.73	10.51	0.000
Hanoi (number of moves)	11.93	3.26	12.12	3.17	0.59
Memory (digit span forward)	3.37	0.16	3.15	0.18	0.000
Memory (digit span backward)	3.15	0.15	2.79	0.11	0.000

Table S3: Within-group comparison of physical activity and pre- and post-activity (pedaling or reading) control in Alzheimer's disease patients

	Physical Activity Group (n=27)			Reading Activity Group (n=26)		
	Pre-activity	Post-activity	<i>p</i>	Pre-activity	Post-activity	<i>p</i>
	<i>M (SD)</i>	<i>M (SD)</i>		<i>M (SD)</i>	<i>M (SD)</i>	
Stroop (Interference Score)	9.85 (1.20)	8.11 (0.85)	0.000	10.31 (1.46)	10.65 (1.44)	0.97
Hanoi (time in seconds)	90.66 (7.76)	81.41 (7.76)	0.000	91.5 (8.11)	94.73 (10.51)	0.99
Hanoi (number of moves)	13.89 (0.58)	11.93 (8.45)	0.004	13.19 (2.28)	12.12 (3.17)	0.09
Memory (digit span forward)	3.17 (0.18)	3.37 (0.16)	0.000	3.21 (0.16)	3.15 (0.18)	0.96
Memory (digit span backward)	2.82 (0.16)	3.15 (0.15)	0.000	2.81 (0.17)	2.79 (0.11)	0.94

M: mean, SD: standard deviation