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**The influence of computer-based cognitive flexibility training on subjective cognitive well-being after stroke**

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**S1 Table. Mean (standard deviation) and MANOVA of the outcome measures of per-protocol analyses.**

measure	Group									Comparison					
	Intervention group (n = 28)			Active control group (n = 29)			Waiting list group (n = 20)			Time			Time*group		
	Pre-training	Post-training	Δ	Pre-training	Post-training	Δ	Pre-waiting	Post-waiting	Δ	F	p-value	$\eta_p^2$	F	p-value	$\eta_p^2$
<i>Primary</i>										$F_{(5, 70)}$	<b>&lt;.001</b>	.27	$F_{(10, 142)}$	.17	.09
- CFQ	32.5 ( 10.8 )	28.9 ( 10.4 )	3.7	36.0 ( 11.2 )	27.4 ( 10.0 )	8.6	37.2 ( 14.3 )	34.9 ( 14.9 )	2.3	25.6	<b>&lt;.001</b>	.26			
- DEX	21.4 ( 8.2 )	19.6 ( 9.3 )	1.8	23.8 ( 12.8 )	20.2 ( 10.7 )	3.5	24.4 ( 9.8 )	23.2 ( 11.2 )	1.2	7.7	<b>&lt;.01</b>	.09			
- IADL	3.2 ( 3.3 )	3.1 ( 3.0 )	0.1	3.3 ( 3.7 )	3.0 ( 3.3 )	0.3	3.3 ( 4.0 )	3.7 ( 4.2 )	-0.4	0.0	.93	.00			
- SF-36	-0.9 ( 1.1 )	-0.8 ( 1.0 )	0.1	-0.6 ( 1.2 )	-0.8 ( 1.2 )	-0.2	-0.6 ( 0.7 )	-0.7 ( 0.9 )	-0.1	0.5	.47	.01			
- USER-P	77.0 ( 16.1 )	74.9 ( 14.7 )	-2.1	74.6 ( 18.1 )	80.0 ( 14.1 )	5.4	73.4 ( 18.4 )	74.4 ( 18.9 )	0.9	0.7	.41	.01			
<i>Secondary</i>										$F_{(3, 72)}$	.77	.02	$F_{(6, 146)}$	.79	.02
- Recovery VAS	60.3 ( 21.9 )	56.8 ( 24.8 )	-3.5	59.5 ( 14.0 )	60.7 ( 18.1 )	1.2	56.9 ( 25.1 )	57.1 ( 26.5 )	0.3						
- CIS-F	38.0 ( 12.7 )	36.5 ( 14.2 )	1.5	30.6 ( 13.2 )	30.9 ( 14.2 )	-0.3	36.2 ( 11.9 )	34.3 ( 13.0 )	1.9						
- HADS D	5.9 ( 4.0 )	6.0 ( 3.7 )	-0.1	5.0 ( 3.6 )	5.1 ( 4.0 )	-0.1	5.1 ( 2.6 )	4.9 ( 3.1 )	0.2						
Cognitive impr.	n.a.	13.4 ( 4.0 )	n.a.		13.3 ( 3.4 )	n.a.		13.1 ( 3.5 )	n.a.				H = 1.0	.60	
<i>Proxy</i>										$F_{(3, 72)}$	.77	.02	$F_{(6, 146)}$	.17	.06
- CFQ	27.9 ( 14.5 )	28.4 ( 14.2 )	-0.5	34.1 ( 13.0 )	32.2 ( 12.9 )	1.9	30.2 ( 13.8 )	33.3 ( 13.3 )	-3.1				2.0		
- DEX	21.4 ( 13.7 )	20.5 ( 15.2 )	0.9	26.5 ( 11.9 )	25.8 ( 13.2 )	0.7	22.5 ( 15.8 )	24.4 ( 14.9 )	-1.8				1.4		
- IADL	3.3 ( 3.4 )	2.8 ( 2.9 )	0.5	3.4 ( 3.7 )	3.8 ( 3.8 )	-0.4	4.7 ( 6.1 )	4.1 ( 5.5 )	0.6				1.9		

*Note* . All scores are total scores where lower scores represent better performance except for SF-36, USER-P, cognitive improvement, and recovery VAS (mm) where higher score reflect better performance; Δ = difference score between pre- and post- measurement recoded in such a way that higher difference score represent improvement; F was based on Pillai's Trace; H was based on Kruskal-Wallis test; Bold values are considered significant and survived Bonferroni-Holm adjustment where appropriate;  $\eta_p^2$  = partial eta squared (effect size); CFQ = Cognitive failure questionnaire; DEX = Dysexecutive Functioning Questionnaire; IADL = Instrumental Activities of Daily Living; SF-36 = Short Form Health Survey- 36; USER-P = Utrechtse Schaal voor Evaluatie en Revalidatie - Participatie; VAS = Visual Analog Scale; CIS-F = Checklist Individual Strength- Fatigue subscale; HADS D = Hospital Anxiety Depression Scale - Depression; n.a. = not applicable.